

December 15, 2020

Derek Ingram
XDD, LLC
11171 Forest Haven Road
Festus, MO 63028
TEL: (314) 609-3065
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ameren Huster Road GW

WorkOrder: 20120547

Dear Derek Ingram:

TEKLAB, INC received 9 samples on 12/8/2020 3:58:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

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Definitions

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Definitions

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Cooler Receipt Temp: 5.8 °C

Locations

Collinsville	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Collinsville Air	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Springfield	
Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Chicago	
Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Kansas City	
Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IIEPA	100226	NELAP	1/31/2021	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2021	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2021	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2021	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-001

Client Sample ID: MW-3

Matrix: GROUNDWATER

Collection Date: 12/08/2020 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:12	171883
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:12	171883
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
2-Butanone	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 15:12	171883
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 15:12	171883
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/09/2020 15:12	171883
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 15:12	171883
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
4-Methyl-2-pentanone	NELAP	0.4	10.0	J	3.1	µg/L	1	12/09/2020 15:12	171883
Acetone	NELAP	2.4	10	J					
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/09/2020 15:12	171883
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/09/2020 15:12	171883
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:12	171883
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-001

Client Sample ID: MW-3

Matrix: GROUNDWATER

Collection Date: 12/08/2020 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:12	171883
cis-1,2-Dichloroethene	NELAP	0.2	2.0	J	1.6	µg/L	1	12/09/2020 15:12	171883
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/09/2020 15:12	171883
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/09/2020 15:12	171883
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:12	171883
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/09/2020 15:12	171883
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/09/2020 15:12	171883
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/09/2020 15:12	171883
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 15:12	171883
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/09/2020 15:12	171883
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:12	171883
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Toluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:12	171883
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:12	171883



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-001

Client Sample ID: MW-3

Matrix: GROUNDWATER

Collection Date: 12/08/2020 10:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:12	171883
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.3	%REC	1	12/09/2020 15:12	171883
Surr: 4-Bromofluorobenzene	*	0	80-120		104.0	%REC	1	12/09/2020 15:12	171883
Surr: Dibromofluoromethane	*	0	80-120		97.9	%REC	1	12/09/2020 15:12	171883
Surr: Toluene-d8	*	0	80-120		100.3	%REC	1	12/09/2020 15:12	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-002

Client Sample ID: MW-4

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:37	171883
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:37	171883
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
2-Butanone	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 15:37	171883
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 15:37	171883
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/09/2020 15:37	171883
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 15:37	171883
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
4-Methyl-2-pentanone	NELAP	0.4	10.0	J	3.4	µg/L	1	12/09/2020 15:37	171883
Acetone	NELAP	2.4	10	J					
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/09/2020 15:37	171883
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/09/2020 15:37	171883
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:37	171883
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-002

Client Sample ID: MW-4

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:37	171883
cis-1,2-Dichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/09/2020 15:37	171883
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/09/2020 15:37	171883
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:37	171883
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/09/2020 15:37	171883
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/09/2020 15:37	171883
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/09/2020 15:37	171883
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 15:37	171883
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/09/2020 15:37	171883
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 15:37	171883
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Toluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 15:37	171883
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 15:37	171883



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-002

Client Sample ID: MW-4

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 15:37	171883
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.6	%REC	1	12/09/2020 15:37	171883
Surr: 4-Bromofluorobenzene	*	0	80-120		100.7	%REC	1	12/09/2020 15:37	171883
Surr: Dibromofluoromethane	*	0	80-120		98.6	%REC	1	12/09/2020 15:37	171883
Surr: Toluene-d8	*	0	80-120		93.6	%REC	1	12/09/2020 15:37	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-003

Client Sample ID: MW-11

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/10/2020 14:41	171938
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/10/2020 14:41	171938
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
2-Butanone	NELAP	1.1	10.0	J	16.1	µg/L	1	12/10/2020 14:41	171938
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/10/2020 14:41	171938
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
2-Hexanone	NELAP	0.4	10	J	4.3	µg/L	1	12/10/2020 14:41	171938
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/10/2020 14:41	171938
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
4-Methyl-2-pentanone	NELAP	0.4	10	J	7.1	µg/L	1	12/10/2020 14:41	171938
Acetone	NELAP	2.4	10.0		245	µg/L	1	12/10/2020 14:41	171938
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/10/2020 14:41	171938
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/10/2020 14:41	171938
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Benzene	NELAP	0.1	0.5		ND	µg/L	1	12/10/2020 14:41	171938
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-003

Client Sample ID: MW-11

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/10/2020 14:41	171938
cis-1,2-Dichloroethene	NELAP	0.2	2.0		8.2	µg/L	1	12/10/2020 14:41	171938
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/10/2020 14:41	171938
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/10/2020 14:41	171938
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Ethylbenzene	NELAP	0.1	2.0	J	0.1	µg/L	1	12/10/2020 14:41	171938
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/10/2020 14:41	171938
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/10/2020 14:41	171938
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/10/2020 14:41	171938
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/10/2020 14:41	171938
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Pentachloroethene	NELAP	0.4	5.0		ND	µg/L	1	12/10/2020 14:41	171938
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/10/2020 14:41	171938
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/10/2020 14:41	171938
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Toluene	NELAP	0.1	2.0	J	0.6	µg/L	1	12/10/2020 14:41	171938
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/10/2020 14:41	171938
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/10/2020 14:41	171938



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-003

Client Sample ID: MW-11

Matrix: GROUNDWATER

Collection Date: 12/08/2020 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	12/10/2020 14:41	171938
Surr: 1,2-Dichloroethane-d4	*	0	80-120		96.2	%REC	1	12/10/2020 14:41	171938
Surr: 4-Bromofluorobenzene	*	0	80-120		101.6	%REC	1	12/10/2020 14:41	171938
Surr: Dibromofluoromethane	*	0	80-120		89.9	%REC	1	12/10/2020 14:41	171938
Surr: Toluene-d8	*	0	80-120		101.2	%REC	1	12/10/2020 14:41	171938

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-004

Client Sample ID: MW-12

Matrix: GROUNDWATER

Collection Date: 12/08/2020 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 16:28	171883
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 16:28	171883
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
2-Butanone	NELAP	1.1	10	J	9.0	µg/L	1	12/09/2020 16:28	171883
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 16:28	171883
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
2-Hexanone	NELAP	0.4	10	J	2.5	µg/L	1	12/09/2020 16:28	171883
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 16:28	171883
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
4-Methyl-2-pentanone	NELAP	0.4	10	J	2.0	µg/L	1	12/09/2020 16:28	171883
Acetone	NELAP	2.4	10.0		118	µg/L	1	12/09/2020 16:28	171883
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/09/2020 16:28	171883
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/09/2020 16:28	171883
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Benzene	NELAP	0.1	0.5	J	0.1	µg/L	1	12/09/2020 16:28	171883
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Carbon disulfide	NELAP	0.7	2.0		21.8	µg/L	1	12/09/2020 16:28	171883
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883

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Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-004

Client Sample ID: MW-12

Matrix: GROUNDWATER

Collection Date: 12/08/2020 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 16:28	171883
cis-1,2-Dichloroethene	NELAP	0.2	2.0		116	µg/L	1	12/09/2020 16:28	171883
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/09/2020 16:28	171883
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/09/2020 16:28	171883
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
m,p-Xylenes	NELAP	0.2	2.0	J	0.2	µg/L	1	12/09/2020 16:28	171883
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 16:28	171883
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/09/2020 16:28	171883
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/09/2020 16:28	171883
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/09/2020 16:28	171883
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 16:28	171883
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/09/2020 16:28	171883
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 16:28	171883
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Toluene	NELAP	0.1	2.0	J	0.7	µg/L	1	12/09/2020 16:28	171883
trans-1,2-Dichloroethene	NELAP	0.1	2.0	J	0.6	µg/L	1	12/09/2020 16:28	171883
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 16:28	171883
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 16:28	171883
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 16:28	171883
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 16:28	171883



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Report Date: 15-Dec-20

Lab ID: 20120547-004

Client Sample ID: MW-12

Matrix: GROUNDWATER

Collection Date: 12/08/2020 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		6.4	µg/L	1	12/09/2020 16:28	171883
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.2	%REC	1	12/09/2020 16:28	171883
Surr: 4-Bromofluorobenzene	*	0	80-120		114.5	%REC	1	12/09/2020 16:28	171883
Surr: Dibromofluoromethane	*	0	80-120		98.4	%REC	1	12/09/2020 16:28	171883
Surr: Toluene-d8	*	0	80-120		92.4	%REC	1	12/09/2020 16:28	171883

Laboratory Results

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Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-005

Client Sample ID: MW-13

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,1,1-Trichloroethane	NELAP	33.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,1,2,2-Tetrachloroethane	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,1,2-Trichloro-1,2,2-trifluoroethane	*	36.0	500		ND	µg/L	100	12/09/2020 16:54	171883
1,1,2-Trichloroethane	NELAP	10.0	50.0		ND	µg/L	100	12/09/2020 16:54	171883
1,1-Dichloro-2-propanone	*	273	3000		ND	µg/L	100	12/09/2020 16:54	171883
1,1-Dichloroethane	NELAP	39.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,1-Dichloroethene	NELAP	38.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,1-Dichloropropene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2,3-Trichlorobenzene	NELAP	18.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2,3-Trichloropropane	NELAP	17.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2,3-Trimethylbenzene	*	14.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2,4-Trichlorobenzene	NELAP	24.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2,4-Trimethylbenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2-Dibromo-3-chloropropane	NELAP	34.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2-Dibromoethane	NELAP	12.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2-Dichlorobenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2-Dichloroethane	NELAP	11.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,2-Dichloropropane	NELAP	11.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,3,5-Trimethylbenzene	NELAP	14.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,3-Dichlorobenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,3-Dichloropropane	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1,4-Dichlorobenzene	NELAP	14.0	200		ND	µg/L	100	12/09/2020 16:54	171883
1-Chlorobutane	NELAP	10.0	500		ND	µg/L	100	12/09/2020 16:54	171883
2,2-Dichloropropane	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
2-Butanone	NELAP	112	1000		ND	µg/L	100	12/09/2020 16:54	171883
2-Chloroethyl vinyl ether	NELAP	45.0	500		ND	µg/L	100	12/09/2020 16:54	171883
2-Chlorotoluene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
2-Hexanone	NELAP	40.0	1000		ND	µg/L	100	12/09/2020 16:54	171883
2-Nitropropane	NELAP	112	1000		ND	µg/L	100	12/09/2020 16:54	171883
4-Chlorotoluene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
4-Methyl-2-pentanone	NELAP	43.0	1000		ND	µg/L	100	12/09/2020 16:54	171883
Acetone	NELAP	244	1000		ND	µg/L	100	12/09/2020 16:54	171883
Acetonitrile	NELAP	142	1000		ND	µg/L	100	12/09/2020 16:54	171883
Acrolein	NELAP	441	2000		ND	µg/L	100	12/09/2020 16:54	171883
Acrylonitrile	NELAP	25.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Allyl chloride	NELAP	21.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Benzene	NELAP	5.0	50.0		ND	µg/L	100	12/09/2020 16:54	171883
Bromobenzene	NELAP	17.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Bromochloromethane	NELAP	16.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Bromodichloromethane	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Bromoform	NELAP	85.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Bromomethane	NELAP	101	500		ND	µg/L	100	12/09/2020 16:54	171883
Carbon disulfide	NELAP	72.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Carbon tetrachloride	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Chlorobenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Chloroethane	NELAP	21.0	200		ND	µg/L	100	12/09/2020 16:54	171883

Laboratory Results

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Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-005

Client Sample ID: MW-13

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	21.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Chloromethane	NELAP	18.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Chloroprene	NELAP	12.0	500		ND	µg/L	100	12/09/2020 16:54	171883
cis-1,2-Dichloroethene	NELAP	15.0	200		1420	µg/L	100	12/09/2020 16:54	171883
cis-1,3-Dichloropropene	NELAP	12.0	200		ND	µg/L	100	12/09/2020 16:54	171883
cis-1,4-Dichloro-2-butene	NELAP	18.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Cyclohexanone	*	1600	2000		ND	µg/L	100	12/09/2020 16:54	171883
Dibromochloromethane	NELAP	17.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Dibromomethane	NELAP	16.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Dichlorodifluoromethane	NELAP	15.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Ethyl acetate	NELAP	259	1000		ND	µg/L	100	12/09/2020 16:54	171883
Ethyl ether	NELAP	17.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Ethyl methacrylate	NELAP	29.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Ethylbenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Hexachlorobutadiene	NELAP	27.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Hexachloroethane	NELAP	11.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Iodomethane	NELAP	260	500		ND	µg/L	100	12/09/2020 16:54	171883
Isopropylbenzene	NELAP	12.0	200		ND	µg/L	100	12/09/2020 16:54	171883
m,p-Xylenes	NELAP	18.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Methacrylonitrile	NELAP	51.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Methyl Methacrylate	NELAP	23.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Methyl tert-butyl ether	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Methylacrylate	NELAP	25.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Methylene chloride	NELAP	87.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Naphthalene	NELAP	32.0	500		ND	µg/L	100	12/09/2020 16:54	171883
n-Butyl acetate	*	28.0	200		ND	µg/L	100	12/09/2020 16:54	171883
n-Butylbenzene	NELAP	11.0	200		ND	µg/L	100	12/09/2020 16:54	171883
n-Heptane	*	20.0	500		ND	µg/L	100	12/09/2020 16:54	171883
n-Hexane	*	63.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Nitrobenzene	NELAP	1000	5000		ND	µg/L	100	12/09/2020 16:54	171883
n-Propylbenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
o-Xylene	NELAP	5.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Pentachloroethane	NELAP	36.0	500		ND	µg/L	100	12/09/2020 16:54	171883
p-Isopropyltoluene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Propionitrile	NELAP	92.0	1000		ND	µg/L	100	12/09/2020 16:54	171883
sec-Butylbenzene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Styrene	NELAP	5.0	200		ND	µg/L	100	12/09/2020 16:54	171883
tert-Butylbenzene	NELAP	11.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Tetrachloroethene	NELAP	10.0	50.0		ND	µg/L	100	12/09/2020 16:54	171883
Tetrahydrofuran	NELAP	81.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Toluene	NELAP	10.0	200		ND	µg/L	100	12/09/2020 16:54	171883
trans-1,2-Dichloroethene	NELAP	10	200	J	14	µg/L	100	12/09/2020 16:54	171883
trans-1,3-Dichloropropene	NELAP	12.0	200		ND	µg/L	100	12/09/2020 16:54	171883
trans-1,4-Dichloro-2-butene	NELAP	17.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Trichloroethene	NELAP	18.0	200		ND	µg/L	100	12/09/2020 16:54	171883
Trichlorofluoromethane	NELAP	13.0	500		ND	µg/L	100	12/09/2020 16:54	171883
Vinyl acetate	NELAP	33.0	500		ND	µg/L	100	12/09/2020 16:54	171883



Laboratory Results

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Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-005

Client Sample ID: MW-13

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	10.0	200		2570	µg/L	100	12/09/2020 16:54	171883
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.4	%REC	100	12/09/2020 16:54	171883
Surr: 4-Bromofluorobenzene	*	0	80-120		103.9	%REC	100	12/09/2020 16:54	171883
Surr: Dibromofluoromethane	*	0	80-120		99.2	%REC	100	12/09/2020 16:54	171883
Surr: Toluene-d8	*	0	80-120		102.1	%REC	100	12/09/2020 16:54	171883

Elevated reporting limit due to high levels of target and/or non-target analytes.

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-006

Client Sample ID: MW-8

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 17:19	171883
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,1-Dichloroethene	NELAP	0.4	2.0		16.9	µg/L	1	12/09/2020 17:19	171883
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,3,5-Trimethylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/09/2020 17:19	171883
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 17:19	171883
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
2-Butanone	NELAP	1.1	10.0		11.7	µg/L	1	12/09/2020 17:19	171883
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 17:19	171883
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
2-Hexanone	NELAP	0.4	10	J	5.5	µg/L	1	12/09/2020 17:19	171883
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/09/2020 17:19	171883
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/09/2020 17:19	171883
Acetone	NELAP	2.4	10.0		26.6	µg/L	1	12/09/2020 17:19	171883
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/09/2020 17:19	171883
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/09/2020 17:19	171883
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Benzene	NELAP	0.1	0.5	J	0.2	µg/L	1	12/09/2020 17:19	171883
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Carbon disulfide	NELAP	0.7	2.0		25.2	µg/L	1	12/09/2020 17:19	171883
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-006

Client Sample ID: MW-8

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 17:19	171883
cis-1,2-Dichloroethene	NELAP	15.0	200		4720	µg/L	100	12/10/2020 15:06	171938
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/09/2020 17:19	171883
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/09/2020 17:19	171883
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Ethylbenzene	NELAP	0.1	2.0	J	0.1	µg/L	1	12/09/2020 17:19	171883
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
m,p-Xylenes	NELAP	0.2	2.0	J	0.4	µg/L	1	12/09/2020 17:19	171883
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 17:19	171883
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/09/2020 17:19	171883
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/09/2020 17:19	171883
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/09/2020 17:19	171883
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
o-Xylene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/09/2020 17:19	171883
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/09/2020 17:19	171883
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/09/2020 17:19	171883
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/09/2020 17:19	171883
Tetrahydrofuran	NELAP	0.8	5.0	J	1.5	µg/L	1	12/09/2020 17:19	171883
Toluene	NELAP	0.1	2.0	J	0.7	µg/L	1	12/09/2020 17:19	171883
trans-1,2-Dichloroethene	NELAP	0.1	2.0		34.9	µg/L	1	12/09/2020 17:19	171883
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/09/2020 17:19	171883
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	12/09/2020 17:19	171883
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/09/2020 17:19	171883
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/09/2020 17:19	171883



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-006

Client Sample ID: MW-8

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	10.0	200		467	µg/L	100	12/10/2020 15:06	171938
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.1	%REC	1	12/09/2020 17:19	171883
Surr: 4-Bromofluorobenzene	*	0	80-120		98.9	%REC	1	12/09/2020 17:19	171883
Surr: Dibromofluoromethane	*	0	80-120		99.1	%REC	1	12/09/2020 17:19	171883
Surr: Toluene-d8	*	0	80-120		99.6	%REC	1	12/09/2020 17:19	171883

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-007

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 1:42	172016
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 1:42	172016
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
2-Butanone	NELAP	1.1	10	J	4.9	µg/L	1	12/12/2020 1:42	172016
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 1:42	172016
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
2-Hexanone	NELAP	0.4	10	J	0.8	µg/L	1	12/12/2020 1:42	172016
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/12/2020 1:42	172016
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/12/2020 1:42	172016
Acetone	NELAP	2.4	10.0		15.6	µg/L	1	12/12/2020 1:42	172016
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/12/2020 1:42	172016
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/12/2020 1:42	172016
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Benzene	NELAP	0.1	0.5	J	0.3	µg/L	1	12/12/2020 1:42	172016
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Carbon disulfide	NELAP	0.7	2.0	J	1.1	µg/L	1	12/12/2020 1:42	172016
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Chloroethane	NELAP	0.2	2.0	J	1.3	µg/L	1	12/12/2020 1:42	172016

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-007

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 1:42	172016
cis-1,2-Dichloroethene	NELAP	0.2	2.0		13.0	µg/L	1	12/12/2020 1:42	172016
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/12/2020 1:42	172016
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/12/2020 1:42	172016
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Ethylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 1:42	172016
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
m,p-Xylenes	NELAP	0.2	2.0	J	1.1	µg/L	1	12/12/2020 1:42	172016
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 1:42	172016
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/12/2020 1:42	172016
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/12/2020 1:42	172016
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/12/2020 1:42	172016
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
o-Xylene	NELAP	0.1	2.0	J	0.7	µg/L	1	12/12/2020 1:42	172016
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 1:42	172016
p-Isopropyltoluene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/12/2020 1:42	172016
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/12/2020 1:42	172016
sec-Butylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 1:42	172016
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
tert-Butylbenzene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/12/2020 1:42	172016
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 1:42	172016
Tetrahydrofuran	NELAP	0.8	5.0		18.6	µg/L	1	12/12/2020 1:42	172016
Toluene	NELAP	0.1	2.0	J	1.5	µg/L	1	12/12/2020 1:42	172016
trans-1,2-Dichloroethene	NELAP	0.1	2.0	J	1.5	µg/L	1	12/12/2020 1:42	172016
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 1:42	172016
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 1:42	172016
Trichloroethene	NELAP	0.2	2.0	J	0.6	µg/L	1	12/12/2020 1:42	172016
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 1:42	172016
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 1:42	172016



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-007

Client Sample ID: MW-39

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		5.6	µg/L	1	12/12/2020 1:42	172016
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.2	%REC	1	12/12/2020 1:42	172016
Surr: 4-Bromofluorobenzene	*	0	80-120		104.3	%REC	1	12/12/2020 1:42	172016
Surr: Dibromofluoromethane	*	0	80-120		98.3	%REC	1	12/12/2020 1:42	172016
Surr: Toluene-d8	*	0	80-120		103.3	%REC	1	12/12/2020 1:42	172016

RPD for LCS/LCSD was outside of QC limits for Acrylonitrile, Ethyl acetate, Methylene chloride, n-Amyl acetate, Pentachloroethane & Vinyl acetate.

LCS recovered outside upper control limits for Acrolein & Tetrachloroethene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Allowable Marginal Exceedance of Pentachloroethane & Vinyl acetate in the laboratory control sample is verified per the TNI Standard.

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-008

Client Sample ID: MW-40

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 2:08	172016
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1-Dichloroethene	NELAP	0.4	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2,4-Trimethylbenzene	NELAP	0.1	2.0	J	0.2	µg/L	1	12/12/2020 2:08	172016
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:08	172016
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
2-Butanone	NELAP	1.1	10.0		35.2	µg/L	1	12/12/2020 2:08	172016
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 2:08	172016
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
2-Hexanone	NELAP	0.4	10	J	4.5	µg/L	1	12/12/2020 2:08	172016
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/12/2020 2:08	172016
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
4-Methyl-2-pentanone	NELAP	0.4	10	J	1.1	µg/L	1	12/12/2020 2:08	172016
Acetone	NELAP	2.4	10.0		205	µg/L	1	12/12/2020 2:08	172016
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/12/2020 2:08	172016
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/12/2020 2:08	172016
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Benzene	NELAP	0.1	0.5		0.5	µg/L	1	12/12/2020 2:08	172016
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-008

Client Sample ID: MW-40

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:08	172016
cis-1,2-Dichloroethene	NELAP	0.2	2.0		4.5	µg/L	1	12/12/2020 2:08	172016
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/12/2020 2:08	172016
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/12/2020 2:08	172016
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Ethylbenzene	NELAP	0.1	2.0		6.3	µg/L	1	12/12/2020 2:08	172016
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
m,p-Xylenes	NELAP	0.2	2.0		25.0	µg/L	1	12/12/2020 2:08	172016
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:08	172016
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/12/2020 2:08	172016
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/12/2020 2:08	172016
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/12/2020 2:08	172016
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
o-Xylene	NELAP	0.1	2.0		6.2	µg/L	1	12/12/2020 2:08	172016
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 2:08	172016
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/12/2020 2:08	172016
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 2:08	172016
Tetrahydrofuran	NELAP	0.8	5.0	J	4.3	µg/L	1	12/12/2020 2:08	172016
Toluene	NELAP	0.1	2.0	J	0.5	µg/L	1	12/12/2020 2:08	172016
trans-1,2-Dichloroethene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 2:08	172016
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:08	172016
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:08	172016
Trichloroethene	NELAP	0.2	2.0	J	0.4	µg/L	1	12/12/2020 2:08	172016
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:08	172016
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:08	172016



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-008

Client Sample ID: MW-40

Matrix: GROUNDWATER

Collection Date: 12/08/2020 14:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	0.1	2.0		3.2	µg/L	1	12/12/2020 2:08	172016
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.5	%REC	1	12/12/2020 2:08	172016
Surr: 4-Bromofluorobenzene	*	0	80-120		101.9	%REC	1	12/12/2020 2:08	172016
Surr: Dibromofluoromethane	*	0	80-120		96.4	%REC	1	12/12/2020 2:08	172016
Surr: Toluene-d8	*	0	80-120		88.7	%REC	1	12/12/2020 2:08	172016

RPD for LCS/LCSD was outside of QC limits for Acrylonitrile, Ethyl acetate, Methylene chloride, n-Amyl acetate, Pentachloroethane & Vinyl acetate.

LCS recovered outside upper control limits for Acrolein & Tetrachloroethene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Allowable Marginal Exceedance of Pentachloroethane & Vinyl acetate in the laboratory control sample is verified per the TNI Standard.

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-009

Client Sample ID: DUP-2

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1,1-Trichloroethane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 2:33	172016
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1-Dichloroethane	NELAP	0.4	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,1-Dichloroethene	NELAP	0.4	2.0	J	1.4	µg/L	1	12/12/2020 2:33	172016
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2,3-Trimethylbenzene	*	0.1	2.0	J	0.6	µg/L	1	12/12/2020 2:33	172016
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2,4-Trimethylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 2:33	172016
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,2-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:33	172016
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
2-Butanone	NELAP	1.1	10.0		ND	µg/L	1	12/12/2020 2:33	172016
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 2:33	172016
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	12/12/2020 2:33	172016
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	12/12/2020 2:33	172016
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	12/12/2020 2:33	172016
Acetone	NELAP	2.4	10.0		15.1	µg/L	1	12/12/2020 2:33	172016
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	12/12/2020 2:33	172016
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	12/12/2020 2:33	172016
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Benzene	NELAP	0.1	0.5		0.5	µg/L	1	12/12/2020 2:33	172016
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Bromoform	NELAP	0.8	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Chlorobenzene	NELAP	0.1	2.0	J	0.8	µg/L	1	12/12/2020 2:33	172016
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016

Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-009

Client Sample ID: DUP-2

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Chloroform	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:33	172016
cis-1,2-Dichloroethene	NELAP	75.0	1000		1350	µg/L	500	12/14/2020 13:11	172061
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Cyclohexanone	*	16.0	20.0		ND	µg/L	1	12/12/2020 2:33	172016
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	12/12/2020 2:33	172016
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Ethylbenzene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 2:33	172016
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Isopropylbenzene	NELAP	0.1	2.0	J	0.8	µg/L	1	12/12/2020 2:33	172016
m,p-Xylenes	NELAP	0.2	2.0	J	0.3	µg/L	1	12/12/2020 2:33	172016
Methacrylonitrile	NELAP	0.5	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:33	172016
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	12/12/2020 2:33	172016
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
n-Heptane	*	0.2	5.0		ND	µg/L	1	12/12/2020 2:33	172016
n-Hexane	*	0.6	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	12/12/2020 2:33	172016
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
o-Xylene	NELAP	0.1	2.0	J	1.8	µg/L	1	12/12/2020 2:33	172016
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	12/12/2020 2:33	172016
p-Isopropyltoluene	NELAP	0.1	2.0	J	0.3	µg/L	1	12/12/2020 2:33	172016
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	12/12/2020 2:33	172016
sec-Butylbenzene	NELAP	0.1	2.0	J	0.8	µg/L	1	12/12/2020 2:33	172016
Styrene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
tert-Butylbenzene	NELAP	0.1	2.0	J	0.4	µg/L	1	12/12/2020 2:33	172016
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	12/12/2020 2:33	172016
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Toluene	NELAP	0.1	2.0	J	0.9	µg/L	1	12/12/2020 2:33	172016
trans-1,2-Dichloroethene	NELAP	0.1	2.0		17.5	µg/L	1	12/12/2020 2:33	172016
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	12/12/2020 2:33	172016
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	12/12/2020 2:33	172016
Trichloroethene	NELAP	0.2	2.0	J	0.4	µg/L	1	12/12/2020 2:33	172016
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	12/12/2020 2:33	172016
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	12/12/2020 2:33	172016



Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab ID: 20120547-009

Client Sample ID: DUP-2

Matrix: GROUNDWATER

Collection Date: 12/08/2020 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Vinyl chloride	NELAP	50.0	1000		1920	µg/L	500	12/14/2020 13:11	172061
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.5	%REC	1	12/12/2020 2:33	172016
Surr: 4-Bromofluorobenzene	*	0	80-120		103.4	%REC	1	12/12/2020 2:33	172016
Surr: Dibromofluoromethane	*	0	80-120		99.1	%REC	1	12/12/2020 2:33	172016
Surr: Toluene-d8	*	0	80-120		90.6	%REC	1	12/12/2020 2:33	172016

RPD for LCS/LCSD was outside of QC limits for Acrylonitrile, Ethyl acetate, Methylene chloride, n-Amyl acetate, Pentachloroethane & Vinyl acetate.

LCS recovered outside upper control limits for Acrolein & Tetrachloroethene. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Allowable Marginal Exceedance of Pentachloroethane & Vinyl acetate in the laboratory control sample is verified per the TNI Standard.

Sample Summary

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
20120547-001	MW-3	Groundwater	1	12/08/2020 10:10
20120547-002	MW-4	Groundwater	1	12/08/2020 11:00
20120547-003	MW-11	Groundwater	1	12/08/2020 11:50
20120547-004	MW-12	Groundwater	1	12/08/2020 12:40
20120547-005	MW-13	Groundwater	1	12/08/2020 13:30
20120547-006	MW-8	Groundwater	1	12/08/2020 14:30
20120547-007	MW-39	Groundwater	1	12/08/2020 14:40
20120547-008	MW-40	Groundwater	1	12/08/2020 14:50
20120547-009	DUP-2	Groundwater	1	12/08/2020 13:40

Dates Report

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
		Test Name			
20120547-001A	MW-3	12/08/2020 10:10	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/09/2020 15:12
20120547-002A	MW-4	12/08/2020 11:00	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/09/2020 15:37
20120547-003A	MW-11	12/08/2020 11:50	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/10/2020 14:41
20120547-004A	MW-12	12/08/2020 12:40	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/09/2020 16:28
20120547-005A	MW-13	12/08/2020 13:30	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/09/2020 16:54
20120547-006A	MW-8	12/08/2020 14:30	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/09/2020 17:19
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/10/2020 15:06
20120547-007A	MW-39	12/08/2020 14:40	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2020 1:42
20120547-008A	MW-40	12/08/2020 14:50	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2020 2:08
20120547-009A	DUP-2	12/08/2020 13:40	12/08/2020 15:58		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2020 2:33
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/14/2020 13:11

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	MBLK	Units	µg/L						Date Analyzed
SampID:			MBLK-AK201209A-1								
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane	*	2.0			ND						12/09/202
1,1,1-Trichloroethane	*	2.0			ND						12/09/202
1,1,2,2-Tetrachloroethane	*	2.0			ND						12/09/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0			ND						12/09/202
1,1,2-Trichloroethane	*	0.5			ND						12/09/202
1,1-Dichloro-2-propanone	*	30.0			ND						12/09/202
1,1-Dichloroethane	*	2.0			ND						12/09/202
1,1-Dichloroethene	*	2.0			ND						12/09/202
1,1-Dichloropropene	*	2.0			ND						12/09/202
1,2,3-Trichlorobenzene	*	2.0			ND						12/09/202
1,2,3-Trichloropropane	*	2.0			ND						12/09/202
1,2,3-Trimethylbenzene	*	2.0			ND						12/09/202
1,2,4-Trichlorobenzene	*	2.0			ND						12/09/202
1,2,4-Trimethylbenzene	*	2.0			ND						12/09/202
1,2-Dibromo-3-chloropropane	*	5.0			ND						12/09/202
1,2-Dibromoethane	*	2.0			ND						12/09/202
1,2-Dichlorobenzene	*	2.0			ND						12/09/202
1,2-Dichloroethane	*	2.0			ND						12/09/202
1,2-Dichloropropane	*	2.0			ND						12/09/202
1,3,5-Trimethylbenzene	*	2.0			ND						12/09/202
1,3-Dichlorobenzene	*	2.0			ND						12/09/202
1,3-Dichloropropane	*	2.0			ND						12/09/202
1,4-Dichlorobenzene	*	2.0			ND						12/09/202
1-Chlorobutane	*	5.0			ND						12/09/202
2,2-Dichloropropane	*	2.0			ND						12/09/202
2-Butanone	*	10.0			ND						12/09/202
2-Chloroethyl vinyl ether	*	5.0			ND						12/09/202
2-Chlorotoluene	*	2.0			ND						12/09/202
2-Hexanone	*	10.0			ND						12/09/202
2-Nitropropane	*	10.0			ND						12/09/202
4-Chlorotoluene	*	2.0			ND						12/09/202
4-Methyl-2-pentanone	*	10.0			ND						12/09/202
Acetone	*	10.0			ND						12/09/202
Acetonitrile	*	10.0			ND						12/09/202
Acrolein	*	20.0			ND						12/09/202
Acrylonitrile	*	5.0			ND						12/09/202
Allyl chloride	*	5.0			ND						12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		ND						12/09/202
Bromobenzene	*	2.0		ND						12/09/202
Bromochloromethane	*	2.0		ND						12/09/202
Bromodichloromethane	*	2.0		ND						12/09/202
Bromoform	*	2.0		ND						12/09/202
Bromomethane	*	5.0		ND						12/09/202
Carbon disulfide	*	2.0		ND						12/09/202
Carbon tetrachloride	*	2.0		ND						12/09/202
Chlorobenzene	*	2.0		ND						12/09/202
Chloroethane	*	2.0		ND						12/09/202
Chloroform	*	2.0		ND						12/09/202
Chloromethane	*	5.0		ND						12/09/202
Chloroprene	*	5.0		ND						12/09/202
cis-1,2-Dichloroethene	*	2.0		ND						12/09/202
cis-1,3-Dichloropropene	*	2.0		ND						12/09/202
cis-1,4-Dichloro-2-butene	*	2.0		ND						12/09/202
Cyclohexanone	*	20.0		ND						12/09/202
Dibromochloromethane	*	2.0		ND						12/09/202
Dibromomethane	*	2.0		ND						12/09/202
Dichlorodifluoromethane	*	2.0		ND						12/09/202
Ethyl acetate	*	10.0		ND						12/09/202
Ethyl ether	*	5.0		ND						12/09/202
Ethyl methacrylate	*	5.0		ND						12/09/202
Ethylbenzene	*	2.0		ND						12/09/202
Hexachlorobutadiene	*	5.0		ND						12/09/202
Hexachloroethane	*	5.0		ND						12/09/202
Iodomethane	*	5.0		ND						12/09/202
Isopropylbenzene	*	2.0		ND						12/09/202
m,p-Xylenes	*	2.0		ND						12/09/202
Methacrylonitrile	*	5.0		ND						12/09/202
Methyl Methacrylate	*	5.0		ND						12/09/202
Methyl tert-butyl ether	*	2.0		ND						12/09/202
Methylacrylate	*	5.0		ND						12/09/202
Methylene chloride	*	2.0		ND						12/09/202
Naphthalene	*	5.0		ND						12/09/202
n-Butyl acetate	*	2.0		ND						12/09/202
n-Butylbenzene	*	2.0		ND						12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
n-Heptane	*	5.0		ND							12/09/202
n-Hexane	*	5.0		ND							12/09/202
Nitrobenzene	*	50.0		ND							12/09/202
n-Propylbenzene	*	2.0		ND							12/09/202
o-Xylene	*	2.0		ND							12/09/202
Pentachloroethane	*	5.0		ND							12/09/202
p-Isopropyltoluene	*	2.0		ND							12/09/202
Propionitrile	*	10.0		ND							12/09/202
sec-Butylbenzene	*	2.0		ND							12/09/202
Styrene	*	2.0		ND							12/09/202
tert-Butylbenzene	*	2.0		ND							12/09/202
Tetrachloroethene	*	0.5		ND							12/09/202
Tetrahydrofuran	*	5.0		ND							12/09/202
Toluene	*	2.0		ND							12/09/202
trans-1,2-Dichloroethene	*	2.0		ND							12/09/202
trans-1,3-Dichloropropene	*	2.0		ND							12/09/202
trans-1,4-Dichloro-2-butene	*	2.0		ND							12/09/202
Trichloroethene	*	2.0		ND							12/09/202
Trichlorofluoromethane	*	5.0		ND							12/09/202
Vinyl acetate	*	5.0		ND							12/09/202
Vinyl chloride	*	2.0		ND							12/09/202
Surr: 1,2-Dichloroethane-d4	*			49.8		50.00		99.5	80	120	12/09/202
Surr: 4-Bromofluorobenzene	*			50.8		50.00		101.6	80	120	12/09/202
Surr: Dibromofluoromethane	*			49.4		50.00		98.9	80	120	12/09/202
Surr: Toluene-d8	*			50.6		50.00		101.3	80	120	12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	LCS	Units	µg/L						Date Analyzed	
SamplID: LCS-AK201209A-1												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane	*	2.0			49.1	50.00	0		98.2	82	113	12/09/202
1,1,1-Trichloroethane	*	2.0			48.4	50.00	0		96.9	76.9	128	12/09/202
1,1,2,2-Tetrachloroethane	*	2.0			48.0	50.00	0		96.0	76.7	113	12/09/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0			46.9	50.00	0		93.8	69.5	127	12/09/202
1,1,2-Trichloroethane	*	0.5			49.0	50.00	0		98.1	83.8	111	12/09/202
1,1-Dichloro-2-propanone	*	30.0			121	125.0	0		96.5	74.9	117	12/09/202
1,1-Dichloroethane	*	2.0			47.3	50.00	0		94.6	77	129	12/09/202
1,1-Dichloroethene	*	2.0			49.5	50.00	0		98.9	69.4	127	12/09/202
1,1-Dichloropropene	*	2.0			48.2	50.00	0		96.5	75.1	123	12/09/202
1,2,3-Trichlorobenzene	*	2.0			51.1	50.00	0		102.2	77.3	121	12/09/202
1,2,3-Trichloropropane	*	2.0			45.2	50.00	0		90.4	75.3	109	12/09/202
1,2,3-Trimethylbenzene	*	2.0			48.8	50.00	0		97.5	77	115	12/09/202
1,2,4-Trichlorobenzene	*	2.0			50.1	50.00	0		100.3	76.8	124	12/09/202
1,2,4-Trimethylbenzene	*	2.0			48.2	50.00	0		96.4	75	115	12/09/202
1,2-Dibromo-3-chloropropane	*	5.0			46.5	50.00	0		93.0	71.9	119	12/09/202
1,2-Dibromoethane	*	2.0			47.6	50.00	0		95.2	83.6	110	12/09/202
1,2-Dichlorobenzene	*	2.0			49.0	50.00	0		98.0	72.1	113	12/09/202
1,2-Dichloroethane	*	2.0			46.9	50.00	0		93.8	72.3	117	12/09/202
1,2-Dichloropropane	*	2.0			46.4	50.00	0		92.8	76.5	119	12/09/202
1,3,5-Trimethylbenzene	*	2.0			48.4	50.00	0		96.8	75.2	117	12/09/202
1,3-Dichlorobenzene	*	2.0			49.0	50.00	0		98.1	75.2	115	12/09/202
1,3-Dichloropropane	*	2.0			48.6	50.00	0		97.3	80.9	110	12/09/202
1,4-Dichlorobenzene	*	2.0			49.0	50.00	0		98.1	73.9	112	12/09/202
1-Chlorobutane	*	5.0			50.2	50.00	0		100.3	74.9	130	12/09/202
2,2-Dichloropropane	*	2.0			36.6	50.00	0		73.2	66.5	138	12/09/202
2-Butanone	*	10.0			124	125.0	0		98.9	68.8	134	12/09/202
2-Chloroethyl vinyl ether	*	5.0			47.3	50.00	0		94.5	17.8	163	12/09/202
2-Chlorotoluene	*	2.0			48.7	50.00	0		97.3	74.9	115	12/09/202
2-Hexanone	*	10.0			123	125.0	0		98.0	73.2	117	12/09/202
2-Nitropropane	*	10.0			505	500.0	0		101.0	67.1	140	12/09/202
4-Chlorotoluene	*	2.0			48.6	50.00	0		97.3	75.7	113	12/09/202
4-Methyl-2-pentanone	*	10.0			126	125.0	0		100.4	77	113	12/09/202
Acetone	*	10.0			118	125.0	0		94.7	61.4	130	12/09/202
Acetonitrile	*	10.0			536	500.0	0		107.2	68.8	136	12/09/202
Acrolein	*	20.0			447	500.0	0		89.4	28.4	168	12/09/202
Acrylonitrile	*	5.0			50.1	50.00	0		100.2	77.9	124	12/09/202
Allyl chloride	*	5.0			44.3	50.00	0		88.6	75.8	130	12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	LCS	Units	µg/L						Date Analyzed	
SampID: LCS-AK201209A-1												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
Benzene		*	0.5		46.9	50.00	0		93.8	78.5	119	12/09/202
Bromobenzene		*	2.0		48.6	50.00	0		97.1	77.5	113	12/09/202
Bromoform		*	2.0		45.6	50.00	0		91.3	71.5	123	12/09/202
Bromochloromethane		*	2.0		48.1	50.00	0		96.3	75.7	123	12/09/202
Bromodichloromethane		*	2.0		49.9	50.00	0		99.7	78.9	121	12/09/202
Bromomethane		*	5.0		28.2	50.00	0		56.4	30.5	192	12/09/202
Carbon disulfide		*	2.0		47.1	50.00	0		94.2	66.7	121	12/09/202
Carbon tetrachloride		*	2.0		47.2	50.00	0		94.4	70.9	127	12/09/202
Chlorobenzene		*	2.0		48.9	50.00	0		97.7	80	111	12/09/202
Chloroethane		*	2.0		46.1	50.00	0		92.3	69.6	135	12/09/202
Chloroform		*	2.0		47.5	50.00	0		94.9	76.2	120	12/09/202
Chloromethane		*	5.0		40.7	50.00	0		81.4	50.9	138	12/09/202
Chloroprene		*	5.0		49.0	50.00	0		97.9	68.4	127	12/09/202
cis-1,2-Dichloroethene		*	2.0		46.5	50.00	0		92.9	79.5	121	12/09/202
cis-1,3-Dichloropropene		*	2.0		46.2	50.00	0		92.4	79.8	123	12/09/202
cis-1,4-Dichloro-2-butene		*	2.0		44.6	50.00	0		89.2	64.6	130	12/09/202
Cyclohexanone		*	20.0		498	500.0	0		99.7	70.5	114	12/09/202
Dibromochloromethane		*	2.0		49.5	50.00	0		99.1	84.5	114	12/09/202
Dibromomethane		*	2.0		45.6	50.00	0		91.2	76	119	12/09/202
Dichlorodifluoromethane		*	2.0		50.1	50.00	0		100.2	46.6	142	12/09/202
Ethyl acetate		*	10.0		46.6	50.00	0		93.2	70.3	115	12/09/202
Ethyl ether		*	5.0		48.0	50.00	0		96.0	74.6	120	12/09/202
Ethyl methacrylate		*	5.0		48.6	50.00	0		97.2	81.4	116	12/09/202
Ethylbenzene		*	2.0		48.7	50.00	0		97.4	78.2	114	12/09/202
Hexachlorobutadiene		*	5.0		48.3	50.00	0		96.5	73.9	129	12/09/202
Hexachloroethane		*	5.0		46.6	50.00	0		93.1	78.3	123	12/09/202
Iodomethane		*	5.0		32.5	50.00	0		65.1	50	151	12/09/202
Isopropylbenzene		*	2.0		49.5	50.00	0		99.0	79.3	115	12/09/202
m,p-Xylenes		*	2.0		98.0	100.0	0		98.0	77.2	116	12/09/202
Methacrylonitrile		*	5.0		50.4	50.00	0		100.7	73.9	127	12/09/202
Methyl Methacrylate		*	5.0		48.1	50.00	0		96.2	70.7	129	12/09/202
Methyl tert-butyl ether		*	2.0		49.3	50.00	0		98.6	80.3	122	12/09/202
Methylacrylate		*	5.0		49.3	50.00	0		98.5	75.2	124	12/09/202
Methylene chloride		*	2.0		49.2	50.00	0		98.4	71.8	115	12/09/202
Naphthalene		*	5.0		50.1	50.00	0		100.3	75.6	121	12/09/202
n-Butyl acetate		*	2.0		47.2	50.00	0		94.4	72.4	118	12/09/202
n-Butylbenzene		*	2.0		45.6	50.00	0		91.2	70.8	118	12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	LCS	Units	µg/L						Date Analyzed
SampID:			LCS-AK201209A-1								
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
n-Heptane	*	5.0		38.2	50.00	0		76.4	50.4	143	12/09/202
n-Hexane	*	5.0		39.1	50.00	0		78.2	60.6	139	12/09/202
Nitrobenzene	*	50.0		485	500.0	0		97.0	49.4	129	12/09/202
n-Propylbenzene	*	2.0		47.9	50.00	0		95.8	74	119	12/09/202
o-Xylene	*	2.0		49.4	50.00	0		98.8	79.2	112	12/09/202
Pentachloroethane	*	5.0		49.7	50.00	0		99.4	71.8	124	12/09/202
p-Isopropyltoluene	*	2.0		48.6	50.00	0		97.1	74.4	119	12/09/202
Propionitrile	*	10.0		515	500.0	0		103.1	76.2	127	12/09/202
sec-Butylbenzene	*	2.0		48.6	50.00	0		97.3	74.4	119	12/09/202
Styrene	*	2.0		50.3	50.00	0		100.6	80.4	117	12/09/202
tert-Butylbenzene	*	2.0		48.2	50.00	0		96.4	74	115	12/09/202
Tetrachloroethene	*	0.5		49.6	50.00	0		99.3	70.1	120	12/09/202
Tetrahydrofuran	*	5.0		46.7	50.00	0		93.4	63.5	122	12/09/202
Toluene	*	2.0		49.2	50.00	0		98.3	78.6	112	12/09/202
trans-1,2-Dichloroethene	*	2.0		47.7	50.00	0		95.3	75.7	130	12/09/202
trans-1,3-Dichloropropene	*	2.0		47.0	50.00	0		94.0	80.3	116	12/09/202
trans-1,4-Dichloro-2-butene	*	2.0		43.5	50.00	0		87.0	65.5	124	12/09/202
Trichloroethene	*	2.0		47.2	50.00	0		94.5	76.2	121	12/09/202
Trichlorofluoromethane	*	5.0		51.7	50.00	0		103.3	71.1	131	12/09/202
Vinyl acetate	*	5.0		47.6	50.00	0		95.3	79.8	129	12/09/202
Vinyl chloride	*	2.0		51.3	50.00	0		102.7	58.6	141	12/09/202
Surr: 1,2-Dichloroethane-d4	*			49.0	50.00			98.0	80	120	12/09/202
Surr: 4-Bromofluorobenzene	*			48.6	50.00			97.3	80	120	12/09/202
Surr: Dibromofluoromethane	*			49.4	50.00			98.7	80	120	12/09/202
Surr: Toluene-d8	*			50.5	50.00			101.0	80	120	12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	LCSD	Units	µg/L	RPD Limit 15.4						Date Analyzed	
SampleID: LCSD-AK201209A-1													
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD	
1,1,1,2-Tetrachloroethane	*	2.0		49.0	50.00	0		98.0	49.11	0.27			12/09/202
1,1,1-Trichloroethane	*	2.0		47.9	50.00	0		95.9	48.44	1.06			12/09/202
1,1,2,2-Tetrachloroethane	*	2.0		47.9	50.00	0		95.9	48.02	0.17			12/09/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		46.5	50.00	0		92.9	46.91	0.96			12/09/202
1,1,2-Trichloroethane	*	0.5		49.4	50.00	0		98.8	49.03	0.73			12/09/202
1,1-Dichloro-2-propanone	*	30.0		118	125.0	0		94.4	120.6	2.24			12/09/202
1,1-Dichloroethane	*	2.0		46.9	50.00	0		93.8	47.31	0.85			12/09/202
1,1-Dichloroethene	*	2.0		48.9	50.00	0		97.8	49.47	1.12			12/09/202
1,1-Dichloropropene	*	2.0		47.8	50.00	0		95.6	48.25	0.98			12/09/202
1,2,3-Trichlorobenzene	*	2.0		51.0	50.00	0		102.0	51.10	0.22			12/09/202
1,2,3-Trichloropropane	*	2.0		45.6	50.00	0		91.2	45.22	0.84			12/09/202
1,2,3-Trimethylbenzene	*	2.0		48.7	50.00	0		97.4	48.76	0.16			12/09/202
1,2,4-Trichlorobenzene	*	2.0		50.1	50.00	0		100.1	50.13	0.12			12/09/202
1,2,4-Trimethylbenzene	*	2.0		48.4	50.00	0		96.9	48.21	0.48			12/09/202
1,2-Dibromo-3-chloropropane	*	5.0		46.8	50.00	0		93.6	46.48	0.73			12/09/202
1,2-Dibromoethane	*	2.0		47.9	50.00	0		95.8	47.61	0.65			12/09/202
1,2-Dichlorobenzene	*	2.0		49.1	50.00	0		98.2	49.01	0.22			12/09/202
1,2-Dichloroethane	*	2.0		46.9	50.00	0		93.8	46.91	0.04			12/09/202
1,2-Dichloropropane	*	2.0		46.4	50.00	0		92.7	46.39	0.06			12/09/202
1,3,5-Trimethylbenzene	*	2.0		48.5	50.00	0		97.1	48.42	0.23			12/09/202
1,3-Dichlorobenzene	*	2.0		49.5	50.00	0		99.1	49.03	1.03			12/09/202
1,3-Dichloropropane	*	2.0		48.8	50.00	0		97.5	48.65	0.23			12/09/202
1,4-Dichlorobenzene	*	2.0		49.4	50.00	0		98.7	49.04	0.67			12/09/202
1-Chlorobutane	*	5.0		49.6	50.00	0		99.3	50.16	1.04			12/09/202
2,2-Dichloropropane	*	2.0		36.1	50.00	0		72.2	36.59	1.38			12/09/202
2-Butanone	*	10.0		122	125.0	0		97.3	123.6	1.56			12/09/202
2-Chloroethyl vinyl ether	*	5.0		46.9	50.00	0		93.8	47.27	0.81			12/09/202
2-Chlorotoluene	*	2.0		48.8	50.00	0		97.7	48.67	0.35			12/09/202
2-Hexanone	*	10.0		120	125.0	0		96.0	122.6	2.07			12/09/202
2-Nitropropane	*	10.0		502	500.0	0		100.3	504.8	0.64			12/09/202
4-Chlorotoluene	*	2.0		48.8	50.00	0		97.5	48.63	0.25			12/09/202
4-Methyl-2-pentanone	*	10.0		124	125.0	0		99.4	125.5	0.99			12/09/202
Acetone	*	10.0		118	125.0	0		94.5	118.4	0.20			12/09/202
Acetonitrile	*	10.0		521	500.0	0		104.1	536.0	2.91			12/09/202
Acrolein	*	20.0		453	500.0	0		90.7	447.0	1.43			12/09/202
Acrylonitrile	*	5.0		49.5	50.00	0		98.9	50.10	1.29			12/09/202
Allyl chloride	*	5.0		45.1	50.00	0		90.3	44.30	1.86			12/09/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	Samp	Type:	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201209A-1												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD
Benzene	*	0.5		46.6	50.00	0			93.2	46.92	0.64	12/09/202
Bromobenzene	*	2.0		49.2	50.00	0			98.4	48.57	1.27	12/09/202
Bromoform	*	2.0		46.7	50.00	0			93.3	45.63	2.23	12/09/202
Bromochloromethane	*	2.0		48.0	50.00	0			95.9	48.14	0.40	12/09/202
Bromodichloromethane	*	2.0		49.6	50.00	0			99.3	49.87	0.46	12/09/202
Bromomethane	*	5.0		34.2	50.00	0			68.3	28.20	19.09	12/09/202
Carbon disulfide	*	2.0		46.8	50.00	0			93.6	47.12	0.70	12/09/202
Carbon tetrachloride	*	2.0		47.5	50.00	0			94.9	47.20	0.57	12/09/202
Chlorobenzene	*	2.0		48.7	50.00	0			97.4	48.87	0.31	12/09/202
Chloroethane	*	2.0		45.2	50.00	0			90.5	46.14	1.95	12/09/202
Chloroform	*	2.0		47.3	50.00	0			94.7	47.46	0.25	12/09/202
Chloromethane	*	5.0		41.8	50.00	0			83.6	40.68	2.69	12/09/202
Chloroprene	*	5.0		48.6	50.00	0			97.1	48.95	0.78	12/09/202
cis-1,2-Dichloroethene	*	2.0		46.5	50.00	0			92.9	46.47	0.02	12/09/202
cis-1,3-Dichloropropene	*	2.0		46.2	50.00	0			92.3	46.21	0.11	12/09/202
cis-1,4-Dichloro-2-butene	*	2.0		44.1	50.00	0			88.1	44.61	1.22	12/09/202
Cyclohexanone	*	20.0		492	500.0	0			98.3	498.4	1.38	12/09/202
Dibromochloromethane	*	2.0		49.5	50.00	0			99.0	49.53	0.08	12/09/202
Dibromomethane	*	2.0		45.4	50.00	0			90.8	45.58	0.35	12/09/202
Dichlorodifluoromethane	*	2.0		50.3	50.00	0			100.7	50.11	0.44	12/09/202
Ethyl acetate	*	10.0		46.1	50.00	0			92.1	46.60	1.17	12/09/202
Ethyl ether	*	5.0		48.5	50.00	0			96.9	47.99	1.00	12/09/202
Ethyl methacrylate	*	5.0		48.6	50.00	0			97.1	48.59	0.08	12/09/202
Ethylbenzene	*	2.0		48.4	50.00	0			96.8	48.71	0.64	12/09/202
Hexachlorobutadiene	*	5.0		48.1	50.00	0			96.1	48.26	0.42	12/09/202
Hexachloroethane	*	5.0		46.7	50.00	0			93.3	46.55	0.26	12/09/202
Iodomethane	*	5.0		35.5	50.00	0			71.0	32.53	8.79	12/09/202
Isopropylbenzene	*	2.0		49.1	50.00	0			98.2	49.50	0.83	12/09/202
m,p-Xylenes	*	2.0		98.0	100.0	0			98.0	98.04	0.09	12/09/202
Methacrylonitrile	*	5.0		49.4	50.00	0			98.8	50.37	1.96	12/09/202
Methyl Methacrylate	*	5.0		47.9	50.00	0			95.8	48.08	0.42	12/09/202
Methyl tert-butyl ether	*	2.0		49.5	50.00	0			99.0	49.31	0.42	12/09/202
Methylacrylate	*	5.0		49.2	50.00	0			98.4	49.27	0.18	12/09/202
Methylene chloride	*	2.0		49.0	50.00	0			98.0	49.22	0.49	12/09/202
Naphthalene	*	5.0		50.1	50.00	0			100.2	50.14	0.06	12/09/202
n-Butyl acetate	*	2.0		47.2	50.00	0			94.4	47.19	0.04	12/09/202
n-Butylbenzene	*	2.0		46.1	50.00	0			92.1	45.60	1.03	12/09/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171883	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201209A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
n-Heptane	*		5.0		37.9	50.00	0	75.8	38.22	0.87	12/09/202
n-Hexane	*		5.0		39.0	50.00	0	78.1	39.11	0.20	12/09/202
Nitrobenzene	*		50.0		479	500.0	0	95.8	485.1	1.31	12/09/202
n-Propylbenzene	*		2.0		48.7	50.00	0	97.3	47.90	1.57	12/09/202
o-Xylene	*		2.0		49.0	50.00	0	98.0	49.40	0.83	12/09/202
Pentachloroethane	*		5.0		49.5	50.00	0	99.0	49.68	0.36	12/09/202
p-Isopropyltoluene	*		2.0		48.5	50.00	0	96.9	48.55	0.16	12/09/202
Propionitrile	*		10.0		513	500.0	0	102.5	515.4	0.53	12/09/202
sec-Butylbenzene	*		2.0		48.9	50.00	0	97.9	48.65	0.57	12/09/202
Styrene	*		2.0		50.2	50.00	0	100.3	50.29	0.28	12/09/202
tert-Butylbenzene	*		2.0		48.5	50.00	0	97.0	48.18	0.70	12/09/202
Tetrachloroethene	*		0.5		49.5	50.00	0	98.9	49.64	0.34	12/09/202
Tetrahydrofuran	*		5.0		46.2	50.00	0	92.4	46.69	1.06	12/09/202
Toluene	*		2.0		49.0	50.00	0	98.1	49.15	0.20	12/09/202
trans-1,2-Dichloroethene	*		2.0		47.4	50.00	0	94.9	47.66	0.46	12/09/202
trans-1,3-Dichloropropene	*		2.0		46.8	50.00	0	93.5	46.99	0.49	12/09/202
trans-1,4-Dichloro-2-butene	*		2.0		42.8	50.00	0	85.7	43.48	1.48	12/09/202
Trichloroethene	*		2.0		46.8	50.00	0	93.7	47.23	0.81	12/09/202
Trichlorofluoromethane	*		5.0		51.0	50.00	0	102.0	51.67	1.34	12/09/202
Vinyl acetate	*		5.0		46.8	50.00	0	93.5	47.63	1.84	12/09/202
Vinyl chloride	*		2.0		51.8	50.00	0	103.6	51.34	0.91	12/09/202
Surr: 1,2-Dichloroethane-d4	*				48.9	50.00		97.8			12/09/202
Surr: 4-Bromofluorobenzene	*				48.8	50.00		97.5			12/09/202
Surr: Dibromofluoromethane	*				49.2	50.00		98.5			12/09/202
Surr: Toluene-d8	*				50.6	50.00		101.2			12/09/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	MBLK	Units	µg/L						Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit
1,1,1,2-Tetrachloroethane		*	2.0		ND						12/10/202
1,1,1-Trichloroethane		*	2.0		ND						12/10/202
1,1,2,2-Tetrachloroethane		*	2.0		ND						12/10/202
1,1,2-Trichloro-1,2,2-trifluoroethane		*	5.0		ND						12/10/202
1,1,2-Trichloroethane		*	0.5		ND						12/10/202
1,1-Dichloro-2-propanone		*	30.0		ND						12/10/202
1,1-Dichloroethane		*	2.0		ND						12/10/202
1,1-Dichloroethene		*	2.0		ND						12/10/202
1,1-Dichloropropene		*	2.0		ND						12/10/202
1,2,3-Trichlorobenzene		*	2.0		ND						12/10/202
1,2,3-Trichloropropane		*	2.0		ND						12/10/202
1,2,3-Trimethylbenzene		*	2.0		ND						12/10/202
1,2,4-Trichlorobenzene		*	2.0		ND						12/10/202
1,2,4-Trimethylbenzene		*	2.0		ND						12/10/202
1,2-Dibromo-3-chloropropane		*	5.0		ND						12/10/202
1,2-Dibromoethane		*	2.0		ND						12/10/202
1,2-Dichlorobenzene		*	2.0		ND						12/10/202
1,2-Dichloroethane		*	2.0		ND						12/10/202
1,2-Dichloropropane		*	2.0		ND						12/10/202
1,3,5-Trimethylbenzene		*	2.0		ND						12/10/202
1,3-Dichlorobenzene		*	2.0		ND						12/10/202
1,3-Dichloropropane		*	2.0		ND						12/10/202
1,4-Dichlorobenzene		*	2.0		ND						12/10/202
1-Chlorobutane		*	5.0		ND						12/10/202
2,2-Dichloropropane		*	2.0		ND						12/10/202
2-Butanone		*	10.0		ND						12/10/202
2-Chloroethyl vinyl ether		*	5.0		ND						12/10/202
2-Chlorotoluene		*	2.0		ND						12/10/202
2-Hexanone		*	10.0		ND						12/10/202
2-Nitropropane		*	10.0		ND						12/10/202
4-Chlorotoluene		*	2.0		ND						12/10/202
4-Methyl-2-pentanone		*	10.0		ND						12/10/202
Acetone		*	10.0		ND						12/10/202
Acetonitrile		*	10.0		ND						12/10/202
Acrolein		*	20.0		ND						12/10/202
Acrylonitrile		*	5.0		ND						12/10/202
Allyl chloride		*	5.0		ND						12/10/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		ND						12/10/202
Bromobenzene	*	2.0		ND						12/10/202
Bromoform	*	2.0		ND						12/10/202
Bromochloromethane	*	2.0		ND						12/10/202
Bromodichloromethane	*	2.0		ND						12/10/202
Bromomethane	*	5.0		ND						12/10/202
Carbon disulfide	*	2.0		ND						12/10/202
Carbon tetrachloride	*	2.0		ND						12/10/202
Chlorobenzene	*	2.0		ND						12/10/202
Chloroethane	*	2.0		ND						12/10/202
Chloroform	*	2.0		ND						12/10/202
Chloromethane	*	5.0		ND						12/10/202
Chloroprene	*	5.0		ND						12/10/202
cis-1,2-Dichloroethene	*	2.0		ND						12/10/202
cis-1,3-Dichloropropene	*	2.0		ND						12/10/202
cis-1,4-Dichloro-2-butene	*	2.0		ND						12/10/202
Cyclohexanone	*	20.0		ND						12/10/202
Dibromochloromethane	*	2.0		ND						12/10/202
Dibromomethane	*	2.0		ND						12/10/202
Dichlorodifluoromethane	*	2.0		ND						12/10/202
Ethyl acetate	*	10.0		ND						12/10/202
Ethyl ether	*	5.0		ND						12/10/202
Ethyl methacrylate	*	5.0		ND						12/10/202
Ethylbenzene	*	2.0		ND						12/10/202
Hexachlorobutadiene	*	5.0		ND						12/10/202
Hexachloroethane	*	5.0		ND						12/10/202
Iodomethane	*	5.0		ND						12/10/202
Isopropylbenzene	*	2.0		ND						12/10/202
m,p-Xylenes	*	2.0		ND						12/10/202
Methacrylonitrile	*	5.0		ND						12/10/202
Methyl Methacrylate	*	5.0		ND						12/10/202
Methyl tert-butyl ether	*	2.0		ND						12/10/202
Methylacrylate	*	5.0		ND						12/10/202
Methylene chloride	*	2.0		ND						12/10/202
Naphthalene	*	5.0		ND						12/10/202
n-Butyl acetate	*	2.0		ND						12/10/202
n-Butylbenzene	*	2.0		ND						12/10/202



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
n-Heptane	*	5.0		ND						12/10/202	
n-Hexane	*	5.0		ND						12/10/202	
Nitrobenzene	*	50.0		ND						12/10/202	
n-Propylbenzene	*	2.0		ND						12/10/202	
o-Xylene	*	2.0		ND						12/10/202	
Pentachloroethane	*	5.0		ND						12/10/202	
p-Isopropyltoluene	*	2.0		ND						12/10/202	
Propionitrile	*	10.0		ND						12/10/202	
sec-Butylbenzene	*	2.0		ND						12/10/202	
Styrene	*	2.0		ND						12/10/202	
tert-Butylbenzene	*	2.0		ND						12/10/202	
Tetrachloroethene	*	0.5		ND						12/10/202	
Tetrahydrofuran	*	5.0		ND						12/10/202	
Toluene	*	2.0		ND						12/10/202	
trans-1,2-Dichloroethene	*	2.0		ND						12/10/202	
trans-1,3-Dichloropropene	*	2.0		ND						12/10/202	
trans-1,4-Dichloro-2-butene	*	2.0		ND						12/10/202	
Trichloroethene	*	2.0		ND						12/10/202	
Trichlorofluoromethane	*	5.0		ND						12/10/202	
Vinyl acetate	*	5.0		ND						12/10/202	
Vinyl chloride	*	2.0		ND						12/10/202	
Surr: 1,2-Dichloroethane-d4	*			49.5		50.00		99.1	80	120	12/10/202
Surr: 4-Bromofluorobenzene	*			50.4		50.00		100.7	80	120	12/10/202
Surr: Dibromofluoromethane	*			47.2		50.00		94.4	80	120	12/10/202
Surr: Toluene-d8	*			50.6		50.00		101.2	80	120	12/10/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCS	Units	µg/L						Date Analyzed	
SamplID: LCS-AK201210A-1												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane	*	2.0			48.7	50.00	0		97.3	82	113	12/10/202
1,1,1-Trichloroethane	*	2.0			48.3	50.00	0		96.5	76.9	128	12/10/202
1,1,2,2-Tetrachloroethane	*	2.0			45.3	50.00	0		90.7	76.7	113	12/10/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0			47.9	50.00	0		95.8	69.5	127	12/10/202
1,1,2-Trichloroethane	*	0.5			48.1	50.00	0		96.1	83.8	111	12/10/202
1,1-Dichloro-2-propanone	*	30.0			111	125.0	0		88.7	74.9	117	12/10/202
1,1-Dichloroethane	*	2.0			46.3	50.00	0		92.6	77	129	12/10/202
1,1-Dichloroethene	*	2.0			48.8	50.00	0		97.5	69.4	127	12/10/202
1,1-Dichloropropene	*	2.0			48.4	50.00	0		96.7	75.1	123	12/10/202
1,2,3-Trichlorobenzene	*	2.0			51.0	50.00	0		102.0	77.3	121	12/10/202
1,2,3-Trichloropropane	*	2.0			43.5	50.00	0		87.0	75.3	109	12/10/202
1,2,3-Trimethylbenzene	*	2.0			49.2	50.00	0		98.5	77	115	12/10/202
1,2,4-Trichlorobenzene	*	2.0			51.5	50.00	0		103.0	76.8	124	12/10/202
1,2,4-Trimethylbenzene	*	2.0			49.2	50.00	0		98.3	75	115	12/10/202
1,2-Dibromo-3-chloropropane	*	5.0			43.7	50.00	0		87.4	71.9	119	12/10/202
1,2-Dibromoethane	*	2.0			46.7	50.00	0		93.3	83.6	110	12/10/202
1,2-Dichlorobenzene	*	2.0			49.2	50.00	0		98.5	72.1	113	12/10/202
1,2-Dichloroethane	*	2.0			46.2	50.00	0		92.5	72.3	117	12/10/202
1,2-Dichloropropane	*	2.0			46.1	50.00	0		92.1	76.5	119	12/10/202
1,3,5-Trimethylbenzene	*	2.0			48.1	50.00	0		96.1	75.2	117	12/10/202
1,3-Dichlorobenzene	*	2.0			50.4	50.00	0		100.7	75.2	115	12/10/202
1,3-Dichloropropane	*	2.0			47.7	50.00	0		95.4	80.9	110	12/10/202
1,4-Dichlorobenzene	*	2.0			50.0	50.00	0		100.0	73.9	112	12/10/202
1-Chlorobutane	*	5.0			49.5	50.00	0		99.0	74.9	130	12/10/202
2,2-Dichloropropane	*	2.0			35.6	50.00	0		71.2	66.5	138	12/10/202
2-Butanone	*	10.0			114	125.0	0		91.0	68.8	134	12/10/202
2-Chloroethyl vinyl ether	*	5.0			45.5	50.00	0		90.9	17.8	163	12/10/202
2-Chlorotoluene	*	2.0			48.2	50.00	0		96.4	74.9	115	12/10/202
2-Hexanone	*	10.0			113	125.0	0		90.3	73.2	117	12/10/202
2-Nitropropane	*	10.0			480	500.0	0		95.9	67.1	140	12/10/202
4-Chlorotoluene	*	2.0			48.2	50.00	0		96.5	75.7	113	12/10/202
4-Methyl-2-pentanone	*	10.0			118	125.0	0		94.4	77	113	12/10/202
Acetone	*	10.0			117	125.0	0		93.6	61.4	130	12/10/202
Acetonitrile	*	10.0			488	500.0	0		97.6	68.8	136	12/10/202
Acrolein	*	20.0			384	500.0	0		76.8	28.4	168	12/10/202
Acrylonitrile	*	5.0			46.3	50.00	0		92.6	77.9	124	12/10/202
Allyl chloride	*	5.0			43.1	50.00	0		86.3	75.8	130	12/10/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCS	Units	µg/L						Date Analyzed	
SampID: LCS-AK201210A-1												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
Benzene	*	0.5		46.4	50.00	0		92.8		78.5	119	12/10/202
Bromobenzene	*	2.0		48.0	50.00	0		96.1		77.5	113	12/10/202
Bromoform	*	2.0		46.7	50.00	0		93.4		71.5	123	12/10/202
Bromochloromethane	*	2.0		48.2	50.00	0		96.3		75.7	123	12/10/202
Bromodichloromethane	*	2.0		48.4	50.00	0		96.9		78.9	121	12/10/202
Bromomethane	*	5.0		27.3	50.00	0		54.7		30.5	192	12/10/202
Carbon disulfide	*	2.0		46.8	50.00	0		93.5		66.7	121	12/10/202
Carbon tetrachloride	*	2.0		47.9	50.00	0		95.8		70.9	127	12/10/202
Chlorobenzene	*	2.0		48.6	50.00	0		97.3		80	111	12/10/202
Chloroethane	*	2.0		46.9	50.00	0		93.8		69.6	135	12/10/202
Chloroform	*	2.0		46.9	50.00	0		93.9		76.2	120	12/10/202
Chloromethane	*	5.0		41.7	50.00	0		83.4		50.9	138	12/10/202
Chloroprene	*	5.0		47.9	50.00	0		95.7		68.4	127	12/10/202
cis-1,2-Dichloroethene	*	2.0		46.0	50.00	0		92.0		79.5	121	12/10/202
cis-1,3-Dichloropropene	*	2.0		45.6	50.00	0		91.2		79.8	123	12/10/202
cis-1,4-Dichloro-2-butene	*	2.0		45.2	50.00	0		90.5		64.6	130	12/10/202
Cyclohexanone	*	20.0		508	500.0	0		101.6		70.5	114	12/10/202
Dibromochloromethane	*	2.0		48.9	50.00	0		97.8		84.5	114	12/10/202
Dibromomethane	*	2.0		46.4	50.00	0		92.7		76	119	12/10/202
Dichlorodifluoromethane	*	2.0		50.9	50.00	0		101.8		46.6	142	12/10/202
Ethyl acetate	*	10.0		44.5	50.00	0		89.0		70.3	115	12/10/202
Ethyl ether	*	5.0		47.3	50.00	0		94.5		74.6	120	12/10/202
Ethyl methacrylate	*	5.0		46.7	50.00	0		93.4		81.4	116	12/10/202
Ethylbenzene	*	2.0		48.9	50.00	0		97.8		78.2	114	12/10/202
Hexachlorobutadiene	*	5.0		49.7	50.00	0		99.4		73.9	129	12/10/202
Hexachloroethane	*	5.0		46.4	50.00	0		92.8		78.3	123	12/10/202
Iodomethane	*	5.0		35.2	50.00	0		70.3		50	151	12/10/202
Isopropylbenzene	*	2.0		53.9	50.00	0		107.8		79.3	115	12/10/202
m,p-Xylenes	*	2.0		99.1	100.0	0		99.1		77.2	116	12/10/202
Methacrylonitrile	*	5.0		47.0	50.00	0		94.0		73.9	127	12/10/202
Methyl Methacrylate	*	5.0		45.6	50.00	0		91.2		70.7	129	12/10/202
Methyl tert-butyl ether	*	2.0		48.8	50.00	0		97.7		80.3	122	12/10/202
Methylacrylate	*	5.0		46.5	50.00	0		92.9		75.2	124	12/10/202
Methylene chloride	*	2.0		48.5	50.00	0		97.0		71.8	115	12/10/202
Naphthalene	*	5.0		48.8	50.00	0		97.6		75.6	121	12/10/202
n-Butyl acetate	*	2.0		44.7	50.00	0		89.5		72.4	118	12/10/202
n-Butylbenzene	*	2.0		47.4	50.00	0		94.8		70.8	118	12/10/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCS	Units	µg/L						Date Analyzed
SampID: LCS-AK201210A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit
n-Heptane	*		5.0		42.7	50.00	0		85.4	50.4	143
n-Hexane	*		5.0		42.8	50.00	0		85.5	60.6	139
Nitrobenzene	*		50.0		435	500.0	0		87.0	49.4	129
n-Propylbenzene	*		2.0		48.3	50.00	0		96.7	74	119
o-Xylene	*		2.0		49.3	50.00	0		98.6	79.2	112
Pentachloroethane	*		5.0		48.5	50.00	0		97.0	71.8	124
p-Isopropyltoluene	*		2.0		48.9	50.00	0		97.9	74.4	119
Propionitrile	*		10.0		482	500.0	0		96.4	76.2	127
sec-Butylbenzene	*		2.0		49.5	50.00	0		99.1	74.4	119
Styrene	*		2.0		50.6	50.00	0		101.2	80.4	117
tert-Butylbenzene	*		2.0		48.8	50.00	0		97.6	74	115
Tetrachloroethene	*		0.5		50.2	50.00	0		100.4	70.1	120
Tetrahydrofuran	*		5.0		43.5	50.00	0		87.1	63.5	122
Toluene	*		2.0		48.5	50.00	0		97.0	78.6	112
trans-1,2-Dichloroethene	*		2.0		46.9	50.00	0		93.8	75.7	130
trans-1,3-Dichloropropene	*		2.0		46.2	50.00	0		92.4	80.3	116
trans-1,4-Dichloro-2-butene	*		2.0		39.7	50.00	0		79.3	65.5	124
Trichloroethene	*		2.0		47.2	50.00	0		94.3	76.2	121
Trichlorofluoromethane	*		5.0		53.7	50.00	0		107.5	71.1	131
Vinyl acetate	*		5.0		45.5	50.00	0		91.0	79.8	129
Vinyl chloride	*		2.0		55.5	50.00	0		111.1	58.6	141
Surr: 1,2-Dichloroethane-d4	*				48.8	50.00			97.6	80	120
Surr: 4-Bromofluorobenzene	*				47.4	50.00			94.9	80	120
Surr: Dibromofluoromethane	*				50.0	50.00			100.0	80	120
Surr: Toluene-d8	*				50.3	50.00			100.6	80	120

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampleID: LCSD-AK201210A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
1,1,1,2-Tetrachloroethane	*	2.0			47.9	50.00	0	95.8	48.67	1.59	12/10/202
1,1,1-Trichloroethane	*	2.0			45.9	50.00	0	91.8	48.26	5.01	12/10/202
1,1,2,2-Tetrachloroethane	*	2.0			46.5	50.00	0	93.0	45.33	2.51	12/10/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0			45.3	50.00	0	90.5	47.90	5.65	12/10/202
1,1,2-Trichloroethane	*	0.5			48.5	50.00	0	96.9	48.06	0.85	12/10/202
1,1-Dichloro-2-propanone	*	30.0			110	125.0	0	88.4	110.8	0.34	12/10/202
1,1-Dichloroethane	*	2.0			44.8	50.00	0	89.7	46.32	3.25	12/10/202
1,1-Dichloroethene	*	2.0			46.3	50.00	0	92.7	48.77	5.13	12/10/202
1,1-Dichloropropene	*	2.0			46.4	50.00	0	92.9	48.37	4.05	12/10/202
1,2,3-Trichlorobenzene	*	2.0			50.1	50.00	0	100.2	51.00	1.82	12/10/202
1,2,3-Trichloropropane	*	2.0			44.1	50.00	0	88.2	43.51	1.30	12/10/202
1,2,3-Trimethylbenzene	*	2.0			48.7	50.00	0	97.4	49.25	1.12	12/10/202
1,2,4-Trichlorobenzene	*	2.0			49.3	50.00	0	98.6	51.52	4.38	12/10/202
1,2,4-Trimethylbenzene	*	2.0			47.9	50.00	0	95.8	49.16	2.62	12/10/202
1,2-Dibromo-3-chloropropane	*	5.0			43.9	50.00	0	87.8	43.69	0.48	12/10/202
1,2-Dibromoethane	*	2.0			46.9	50.00	0	93.8	46.67	0.53	12/10/202
1,2-Dichlorobenzene	*	2.0			48.9	50.00	0	97.8	49.25	0.67	12/10/202
1,2-Dichloroethane	*	2.0			45.8	50.00	0	91.6	46.24	0.96	12/10/202
1,2-Dichloropropane	*	2.0			45.0	50.00	0	90.0	46.07	2.33	12/10/202
1,3,5-Trimethylbenzene	*	2.0			47.8	50.00	0	95.5	48.06	0.61	12/10/202
1,3-Dichlorobenzene	*	2.0			48.9	50.00	0	97.8	50.35	2.88	12/10/202
1,3-Dichloropropane	*	2.0			47.6	50.00	0	95.3	47.71	0.17	12/10/202
1,4-Dichlorobenzene	*	2.0			48.6	50.00	0	97.2	50.00	2.84	12/10/202
1-Chlorobutane	*	5.0			47.4	50.00	0	94.9	49.51	4.29	12/10/202
2,2-Dichloropropane	*	2.0			33.6	50.00	0	67.3	35.58	5.58	12/10/202
2-Butanone	*	10.0			114	125.0	0	91.5	113.7	0.60	12/10/202
2-Chloroethyl vinyl ether	*	5.0			45.4	50.00	0	90.8	45.46	0.11	12/10/202
2-Chlorotoluene	*	2.0			47.7	50.00	0	95.4	48.19	1.06	12/10/202
2-Hexanone	*	10.0			115	125.0	0	92.0	112.9	1.80	12/10/202
2-Nitropropane	*	10.0			484	500.0	0	96.7	479.7	0.81	12/10/202
4-Chlorotoluene	*	2.0			47.8	50.00	0	95.7	48.25	0.83	12/10/202
4-Methyl-2-pentanone	*	10.0			120	125.0	0	95.6	118.0	1.32	12/10/202
Acetone	*	10.0			118	125.0	0	94.6	117.0	1.04	12/10/202
Acetonitrile	*	10.0			494	500.0	0	98.9	487.8	1.36	12/10/202
Acrolein	*	20.0			393	500.0	0	78.6	384.2	2.20	12/10/202
Acrylonitrile	*	5.0			47.1	50.00	0	94.2	46.29	1.69	12/10/202
Allyl chloride	*	5.0			43.5	50.00	0	86.9	43.13	0.79	12/10/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201210A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Benzene	*		0.5		45.0	50.00	0	90.0	46.42	3.15	12/10/202
Bromobenzene	*		2.0		47.7	50.00	0	95.5	48.04	0.65	12/10/202
Bromoform	*		2.0		45.2	50.00	0	90.5	46.72	3.22	12/10/202
Bromochloromethane	*		2.0		47.4	50.00	0	94.7	48.17	1.67	12/10/202
Bromodichloromethane	*		2.0		48.4	50.00	0	96.8	48.44	0.06	12/10/202
Bromomethane	*		5.0		33.7	50.00	0	67.3	27.33	20.79	12/10/202
Carbon disulfide	*		2.0		44.8	50.00	0	89.7	46.75	4.15	12/10/202
Carbon tetrachloride	*		2.0		45.8	50.00	0	91.6	47.92	4.57	12/10/202
Chlorobenzene	*		2.0		47.7	50.00	0	95.5	48.64	1.87	12/10/202
Chloroethane	*		2.0		44.8	50.00	0	89.6	46.91	4.58	12/10/202
Chloroform	*		2.0		46.0	50.00	0	91.9	46.93	2.09	12/10/202
Chloromethane	*		5.0		40.7	50.00	0	81.3	41.69	2.50	12/10/202
Chloroprene	*		5.0		45.8	50.00	0	91.7	47.87	4.33	12/10/202
cis-1,2-Dichloroethene	*		2.0		45.1	50.00	0	90.1	46.00	2.06	12/10/202
cis-1,3-Dichloropropene	*		2.0		44.9	50.00	0	89.8	45.59	1.50	12/10/202
cis-1,4-Dichloro-2-butene	*		2.0		41.6	50.00	0	83.1	45.23	8.46	12/10/202
Cyclohexanone	*		20.0		462	500.0	0	92.3	507.8	9.54	12/10/202
Dibromochloromethane	*		2.0		48.8	50.00	0	97.6	48.92	0.27	12/10/202
Dibromomethane	*		2.0		45.5	50.00	0	91.0	46.35	1.83	12/10/202
Dichlorodifluoromethane	*		2.0		48.1	50.00	0	96.2	50.92	5.72	12/10/202
Ethyl acetate	*		10.0		45.0	50.00	0	90.0	44.52	1.07	12/10/202
Ethyl ether	*		5.0		46.7	50.00	0	93.4	47.26	1.23	12/10/202
Ethyl methacrylate	*		5.0		46.8	50.00	0	93.6	46.68	0.26	12/10/202
Ethylbenzene	*		2.0		47.6	50.00	0	95.2	48.89	2.65	12/10/202
Hexachlorobutadiene	*		5.0		46.6	50.00	0	93.2	49.68	6.38	12/10/202
Hexachloroethane	*		5.0		44.8	50.00	0	89.5	46.39	3.60	12/10/202
Iodomethane	*		5.0		39.4	50.00	0	78.8	35.15	11.38	12/10/202
Isopropylbenzene	*		2.0		48.8	50.00	0	97.6	53.91	9.91	12/10/202
m,p-Xylenes	*		2.0		96.6	100.0	0	96.6	99.12	2.54	12/10/202
Methacrylonitrile	*		5.0		47.5	50.00	0	95.1	46.99	1.14	12/10/202
Methyl Methacrylate	*		5.0		45.9	50.00	0	91.9	45.62	0.70	12/10/202
Methyl tert-butyl ether	*		2.0		48.8	50.00	0	97.6	48.84	0.08	12/10/202
Methylacrylate	*		5.0		46.8	50.00	0	93.5	46.47	0.62	12/10/202
Methylene chloride	*		2.0		47.1	50.00	0	94.2	48.50	2.93	12/10/202
Naphthalene	*		5.0		49.1	50.00	0	98.1	48.81	0.53	12/10/202
n-Butyl acetate	*		2.0		45.2	50.00	0	90.4	44.74	1.05	12/10/202
n-Butylbenzene	*		2.0		45.4	50.00	0	90.7	47.41	4.40	12/10/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	171938	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201210A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
n-Heptane	*		5.0		39.4	50.00	0	78.8	42.69	8.02	12/10/202
n-Hexane	*		5.0		39.1	50.00	0	78.3	42.77	8.86	12/10/202
Nitrobenzene	*		50.0		439	500.0	0	87.9	434.8	1.03	12/10/202
n-Propylbenzene	*		2.0		47.6	50.00	0	95.3	48.34	1.46	12/10/202
o-Xylene	*		2.0		48.2	50.00	0	96.3	49.30	2.36	12/10/202
Pentachloroethane	*		5.0		47.8	50.00	0	95.5	48.51	1.56	12/10/202
p-Isopropyltoluene	*		2.0		47.6	50.00	0	95.3	48.93	2.69	12/10/202
Propionitrile	*		10.0		490	500.0	0	98.0	482.2	1.64	12/10/202
sec-Butylbenzene	*		2.0		47.8	50.00	0	95.5	49.53	3.64	12/10/202
Styrene	*		2.0		49.6	50.00	0	99.2	50.61	2.00	12/10/202
tert-Butylbenzene	*		2.0		47.1	50.00	0	94.3	48.80	3.46	12/10/202
Tetrachloroethene	*		0.5		48.5	50.00	0	97.0	50.19	3.40	12/10/202
Tetrahydrofuran	*		5.0		43.0	50.00	0	85.9	43.53	1.29	12/10/202
Toluene	*		2.0		47.3	50.00	0	94.6	48.51	2.50	12/10/202
trans-1,2-Dichloroethene	*		2.0		45.5	50.00	0	91.0	46.89	2.99	12/10/202
trans-1,3-Dichloropropene	*		2.0		46.0	50.00	0	91.9	46.21	0.52	12/10/202
trans-1,4-Dichloro-2-butene	*		2.0		40.6	50.00	0	81.2	39.67	2.29	12/10/202
Trichloroethene	*		2.0		45.6	50.00	0	91.1	47.17	3.45	12/10/202
Trichlorofluoromethane	*		5.0		50.8	50.00	0	101.7	53.74	5.53	12/10/202
Vinyl acetate	*		5.0		45.9	50.00	0	91.8	45.49	0.88	12/10/202
Vinyl chloride	*		2.0		52.7	50.00	0	105.4	55.53	5.21	12/10/202
Surr: 1,2-Dichloroethane-d4	*				48.9	50.00		97.8			12/10/202
Surr: 4-Bromofluorobenzene	*				47.8	50.00		95.6			12/10/202
Surr: Dibromofluoromethane	*				49.6	50.00		99.3			12/10/202
Surr: Toluene-d8	*				50.4	50.00		100.9			12/10/202



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	MBLK	Units	µg/L						Date Analyzed	
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane		*	2.0		ND							12/12/202
1,1,1-Trichloroethane		*	2.0		ND							12/12/202
1,1,2,2-Tetrachloroethane		*	2.0		ND							12/12/202
1,1,2-Trichloro-1,2,2-trifluoroethane		*	5.0		ND							12/12/202
1,1,2-Trichloroethane		*	0.5		ND							12/12/202
1,1-Dichloro-2-propanone		*	30.0		ND							12/12/202
1,1-Dichloroethane		*	2.0		ND							12/12/202
1,1-Dichloroethene		*	2.0		ND							12/12/202
1,1-Dichloropropene		*	2.0		ND							12/12/202
1,2,3-Trichlorobenzene		*	2.0		ND							12/12/202
1,2,3-Trichloropropane		*	2.0		ND							12/12/202
1,2,3-Trimethylbenzene		*	2.0		ND							12/12/202
1,2,4-Trichlorobenzene		*	2.0		ND							12/12/202
1,2,4-Trimethylbenzene		*	2.0		ND							12/12/202
1,2-Dibromo-3-chloropropane		*	5.0		ND							12/12/202
1,2-Dibromoethane		*	2.0		ND							12/12/202
1,2-Dichlorobenzene		*	2.0		ND							12/12/202
1,2-Dichloroethane		*	2.0		ND							12/12/202
1,2-Dichloropropane		*	2.0		ND							12/12/202
1,3,5-Trimethylbenzene		*	2.0		ND							12/12/202
1,3-Dichlorobenzene		*	2.0		ND							12/12/202
1,3-Dichloropropane		*	2.0		ND							12/12/202
1,4-Dichlorobenzene		*	2.0		ND							12/12/202
1-Chlorobutane		*	5.0		ND							12/12/202
2,2-Dichloropropane		*	2.0		ND							12/12/202
2-Butanone		*	10.0		ND							12/12/202
2-Chloroethyl vinyl ether		*	5.0		ND							12/12/202
2-Chlorotoluene		*	2.0		ND							12/12/202
2-Hexanone		*	10.0		ND							12/12/202
2-Nitropropane		*	10.0		ND							12/12/202
4-Chlorotoluene		*	2.0		ND							12/12/202
4-Methyl-2-pentanone		*	10.0		ND							12/12/202
Acetone		*	10.0		ND							12/12/202
Acetonitrile		*	10.0		ND							12/12/202
Acrolein		*	20.0		ND							12/12/202
Acrylonitrile		*	5.0		ND							12/12/202
Allyl chloride		*	5.0		ND							12/12/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		ND						12/12/202
Bromobenzene	*	2.0		ND						12/12/202
Bromoform	*	2.0		ND						12/12/202
Bromochloromethane	*	2.0		ND						12/12/202
Bromodichloromethane	*	2.0		ND						12/12/202
Bromomethane	*	5.0		ND						12/12/202
Carbon disulfide	*	2.0		ND						12/12/202
Carbon tetrachloride	*	2.0		ND						12/12/202
Chlorobenzene	*	2.0		ND						12/12/202
Chloroethane	*	2.0		ND						12/12/202
Chloroform	*	2.0		ND						12/12/202
Chloromethane	*	5.0		ND						12/12/202
Chloroprene	*	5.0		ND						12/12/202
cis-1,2-Dichloroethene	*	2.0		ND						12/12/202
cis-1,3-Dichloropropene	*	2.0		ND						12/12/202
cis-1,4-Dichloro-2-butene	*	2.0		ND						12/12/202
Cyclohexanone	*	20.0		ND						12/12/202
Dibromochloromethane	*	2.0		ND						12/12/202
Dibromomethane	*	2.0		ND						12/12/202
Dichlorodifluoromethane	*	2.0		ND						12/12/202
Ethyl acetate	*	10.0		ND						12/12/202
Ethyl ether	*	5.0		ND						12/12/202
Ethyl methacrylate	*	5.0		ND						12/12/202
Ethylbenzene	*	2.0		ND						12/12/202
Hexachlorobutadiene	*	5.0		ND						12/12/202
Hexachloroethane	*	5.0		ND						12/12/202
Iodomethane	*	5.0		ND						12/12/202
Isopropylbenzene	*	2.0		ND						12/12/202
m,p-Xylenes	*	2.0		ND						12/12/202
Methacrylonitrile	*	5.0		ND						12/12/202
Methyl Methacrylate	*	5.0		ND						12/12/202
Methyl tert-butyl ether	*	2.0		ND						12/12/202
Methylacrylate	*	5.0		ND						12/12/202
Methylene chloride	*	2.0		ND						12/12/202
Naphthalene	*	5.0		ND						12/12/202
n-Butyl acetate	*	2.0		ND						12/12/202
n-Butylbenzene	*	2.0		ND						12/12/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
n-Heptane	*	5.0		ND						12/12/202	
n-Hexane	*	5.0		ND						12/12/202	
Nitrobenzene	*	50.0		ND						12/12/202	
n-Propylbenzene	*	2.0		ND						12/12/202	
o-Xylene	*	2.0		ND						12/12/202	
Pentachloroethane	*	5.0		ND						12/12/202	
p-Isopropyltoluene	*	2.0		ND						12/12/202	
Propionitrile	*	10.0		ND						12/12/202	
sec-Butylbenzene	*	2.0		ND						12/12/202	
Styrene	*	2.0		ND						12/12/202	
tert-Butylbenzene	*	2.0		ND						12/12/202	
Tetrachloroethene	*	0.5		ND						12/12/202	
Tetrahydrofuran	*	5.0		ND						12/12/202	
Toluene	*	2.0		ND						12/12/202	
trans-1,2-Dichloroethene	*	2.0		ND						12/12/202	
trans-1,3-Dichloropropene	*	2.0		ND						12/12/202	
trans-1,4-Dichloro-2-butene	*	2.0		ND						12/12/202	
Trichloroethene	*	2.0		ND						12/12/202	
Trichlorofluoromethane	*	5.0		ND						12/12/202	
Vinyl acetate	*	5.0		ND						12/12/202	
Vinyl chloride	*	2.0		ND						12/12/202	
Surr: 1,2-Dichloroethane-d4	*			51.4		50.00		102.7	80	120	12/12/202
Surr: 4-Bromofluorobenzene	*			51.8		50.00		103.5	80	120	12/12/202
Surr: Dibromofluoromethane	*			48.9		50.00		97.8	80	120	12/12/202
Surr: Toluene-d8	*			51.3		50.00		102.6	80	120	12/12/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCS	Units	µg/L						Date Analyzed
SampID:			LCS-AK201211A-2								
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit
1,1,1,2-Tetrachloroethane	*	2.0		52.6	50.00	0			105.2	82	113
1,1,1-Trichloroethane	*	2.0		51.8	50.00	0			103.6	76.9	128
1,1,2,2-Tetrachloroethane	*	2.0		49.3	50.00	0			98.7	76.7	113
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		53.2	50.00	0			106.3	69.5	127
1,1,2-Trichloroethane	*	0.5		52.0	50.00	0			104.0	83.8	111
1,1-Dichloro-2-propanone	*	30.0		118	125.0	0			94.2	74.9	117
1,1-Dichloroethane	*	2.0		51.0	50.00	0			102.0	77	129
1,1-Dichloroethene	*	2.0		54.3	50.00	0			108.6	69.4	127
1,1-Dichloropropene	*	2.0		53.6	50.00	0			107.1	75.1	123
1,2,3-Trichlorobenzene	*	2.0		53.8	50.00	0			107.7	77.3	121
1,2,3-Trichloropropane	*	2.0		46.1	50.00	0			92.2	75.3	109
1,2,3-Trimethylbenzene	*	2.0		54.0	50.00	0			107.9	77	115
1,2,4-Trichlorobenzene	*	2.0		53.3	50.00	0			106.6	76.8	124
1,2,4-Trimethylbenzene	*	2.0		53.3	50.00	0			106.6	75	115
1,2-Dibromo-3-chloropropane	*	5.0		46.1	50.00	0			92.2	71.9	119
1,2-Dibromoethane	*	2.0		49.4	50.00	0			98.9	83.6	110
1,2-Dichlorobenzene	*	2.0		53.6	50.00	0			107.1	72.1	113
1,2-Dichloroethane	*	2.0		50.6	50.00	0			101.1	72.3	117
1,2-Dichloropropane	*	2.0		55.1	50.00	0			110.2	76.5	119
1,3,5-Trimethylbenzene	*	2.0		52.9	50.00	0			105.9	75.2	117
1,3-Dichlorobenzene	*	2.0		54.7	50.00	0			109.5	75.2	115
1,3-Dichloropropane	*	2.0		51.7	50.00	0			103.4	80.9	110
1,4-Dichlorobenzene	*	2.0		54.0	50.00	0			108.0	73.9	112
1-Chlorobutane	*	5.0		55.5	50.00	0			111.1	74.9	130
2,2-Dichloropropane	*	2.0		44.6	50.00	0			89.2	66.5	138
2-Butanone	*	10.0		125	125.0	0			100.1	68.8	134
2-Chloroethyl vinyl ether	*	5.0		55.9	50.00	0			111.8	17.8	163
2-Chlorotoluene	*	2.0		53.3	50.00	0			106.5	74.9	115
2-Hexanone	*	10.0		124	125.0	0			99.1	73.2	117
2-Nitropropane	*	10.0		575	500.0	0			115.0	67.1	140
4-Chlorotoluene	*	2.0		53.3	50.00	0			106.7	75.7	113
4-Methyl-2-pentanone	*	10.0		130	125.0	0			103.8	77	113
Acetone	*	10.0		126	125.0	0			100.8	61.4	130
Acetonitrile	*	10.0		545	500.0	0			109.0	68.8	136
Acrolein	*	20.0	S	1110	500.0	0			222.7	28.4	168
Acrylonitrile	*	5.0		51.6	50.00	0			103.2	77.9	124
Allyl chloride	*	5.0		48.5	50.00	0			96.9	75.8	130

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCS	Units	µg/L						Date Analyzed	
SampID: LCS-AK201211A-2												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
Benzene		*	0.5		50.9	50.00	0		101.9	78.5	119	12/11/202
Bromobenzene		*	2.0		53.2	50.00	0		106.4	77.5	113	12/11/202
Bromoform		*	2.0		50.6	50.00	0		101.2	71.5	123	12/11/202
Bromochloromethane		*	2.0		54.9	50.00	0		109.8	75.7	123	12/11/202
Bromodichloromethane		*	2.0		50.8	50.00	0		101.6	78.9	121	12/11/202
Bromomethane		*	5.0		52.3	50.00	0		104.6	30.5	192	12/11/202
Carbon disulfide		*	2.0		51.0	50.00	0		101.9	66.7	121	12/11/202
Carbon tetrachloride		*	2.0		51.5	50.00	0		102.9	70.9	127	12/11/202
Chlorobenzene		*	2.0		53.3	50.00	0		106.6	80	111	12/11/202
Chloroethane		*	2.0		53.3	50.00	0		106.6	69.6	135	12/11/202
Chloroform		*	2.0		52.2	50.00	0		104.3	76.2	120	12/11/202
Chloromethane		*	5.0		47.8	50.00	0		95.6	50.9	138	12/11/202
Chloroprene		*	5.0		53.5	50.00	0		107.0	68.4	127	12/11/202
cis-1,2-Dichloroethene		*	2.0		50.1	50.00	0		100.1	79.5	121	12/11/202
cis-1,3-Dichloropropene		*	2.0		53.5	50.00	0		107.0	79.8	123	12/11/202
cis-1,4-Dichloro-2-butene		*	2.0		47.1	50.00	0		94.1	64.6	130	12/11/202
Cyclohexanone		*	20.0		494	500.0	0		98.8	70.5	114	12/11/202
Dibromochloromethane		*	2.0		52.0	50.00	0		104.0	84.5	114	12/11/202
Dibromomethane		*	2.0		52.3	50.00	0		104.7	76	119	12/11/202
Dichlorodifluoromethane		*	2.0		52.4	50.00	0		104.7	46.6	142	12/11/202
Ethyl acetate		*	10.0		49.1	50.00	0		98.3	70.3	115	12/11/202
Ethyl ether		*	5.0		51.1	50.00	0		102.1	74.6	120	12/11/202
Ethyl methacrylate		*	5.0		50.0	50.00	0		100.1	81.4	116	12/11/202
Ethylbenzene		*	2.0		54.4	50.00	0		108.8	78.2	114	12/11/202
Hexachlorobutadiene		*	5.0		51.9	50.00	0		103.8	73.9	129	12/11/202
Hexachloroethane		*	5.0		48.7	50.00	0		97.5	78.3	123	12/11/202
Iodomethane		*	5.0		43.4	50.00	0		86.9	50	151	12/11/202
Isopropylbenzene		*	2.0		54.9	50.00	0		109.9	79.3	115	12/11/202
m,p-Xylenes		*	2.0		110	100.0	0		109.8	77.2	116	12/11/202
Methacrylonitrile		*	5.0		51.9	50.00	0		103.8	73.9	127	12/11/202
Methyl Methacrylate		*	5.0		53.5	50.00	0		107.0	70.7	129	12/11/202
Methyl tert-butyl ether		*	2.0		51.8	50.00	0		103.5	80.3	122	12/11/202
Methylacrylate		*	5.0		50.6	50.00	0		101.3	75.2	124	12/11/202
Methylene chloride		*	2.0		53.6	50.00	0		107.1	71.8	115	12/11/202
Naphthalene		*	5.0		51.3	50.00	0		102.6	75.6	121	12/11/202
n-Butyl acetate		*	2.0		48.6	50.00	0		97.2	72.4	118	12/11/202
n-Butylbenzene		*	2.0		51.6	50.00	0		103.3	70.8	118	12/11/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCS	Units	µg/L						Date Analyzed	
SamplID: LCS-AK201211A-2												
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
n-Heptane		*	5.0		51.0	50.00	0		102.0	50.4	143	12/11/202
n-Hexane		*	5.0		48.8	50.00	0		97.7	60.6	139	12/11/202
Nitrobenzene		*	50.0		435	500.0	0		86.9	49.4	129	12/11/202
n-Propylbenzene		*	2.0		53.6	50.00	0		107.1	74	119	12/11/202
o-Xylene		*	2.0		54.2	50.00	0		108.4	79.2	112	12/11/202
Pentachloroethane		*	5.0		49.6	50.00	0		99.2	71.8	124	12/11/202
p-Isopropyltoluene		*	2.0		52.6	50.00	0		105.3	74.4	119	12/11/202
Propionitrile		*	10.0		536	500.0	0		107.2	76.2	127	12/11/202
sec-Butylbenzene		*	2.0		53.5	50.00	0		106.9	74.4	119	12/11/202
Styrene		*	2.0		55.2	50.00	0		110.4	80.4	117	12/11/202
tert-Butylbenzene		*	2.0		51.4	50.00	0		102.9	74	115	12/11/202
Tetrachloroethene		*	0.5		57.2	50.00	0		114.3	70.1	120	12/11/202
Tetrahydrofuran		*	5.0		47.3	50.00	0		94.5	63.5	122	12/11/202
Toluene		*	2.0		53.8	50.00	0		107.6	78.6	112	12/11/202
trans-1,2-Dichloroethene		*	2.0		52.9	50.00	0		105.9	75.7	130	12/11/202
trans-1,3-Dichloropropene		*	2.0		50.7	50.00	0		101.5	80.3	116	12/11/202
trans-1,4-Dichloro-2-butene		*	2.0		45.6	50.00	0		91.1	65.5	124	12/11/202
Trichloroethene		*	2.0		54.8	50.00	0		109.6	76.2	121	12/11/202
Trichlorofluoromethane		*	5.0		57.1	50.00	0		114.2	71.1	131	12/11/202
Vinyl acetate		*	5.0		48.7	50.00	0		97.3	79.8	129	12/11/202
Vinyl chloride		*	2.0		64.3	50.00	0		128.5	58.6	141	12/11/202
Surr: 1,2-Dichloroethane-d4		*			49.2	50.00			98.4	80	120	12/11/202
Surr: 4-Bromofluorobenzene		*			47.6	50.00			95.1	80	120	12/11/202
Surr: Dibromofluoromethane		*			49.2	50.00			98.4	80	120	12/11/202
Surr: Toluene-d8		*			50.6	50.00			101.1	80	120	12/11/202

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Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCSD	Units	µg/L	RPD Limit 15.4						Date Analyzed	
SampleID: LCSD-AK201211A-2													
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD	
1,1,1,2-Tetrachloroethane	*		2.0		49.1	50.00	0		98.2	52.60	6.88		12/12/202
1,1,1-Trichloroethane	*		2.0		47.8	50.00	0		95.5	51.81	8.16		12/12/202
1,1,2,2-Tetrachloroethane	*		2.0		46.4	50.00	0		92.9	49.33	6.06		12/12/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*		5.0		45.8	50.00	0		91.5	53.16	14.98		12/12/202
1,1,2-Trichloroethane	*		0.5		49.6	50.00	0		99.2	51.99	4.73		12/12/202
1,1-Dichloro-2-propanone	*		30.0		106	125.0	0		84.7	117.8	10.66		12/12/202
1,1-Dichloroethane	*		2.0		43.7	50.00	0		87.3	50.98	15.47		12/12/202
1,1-Dichloroethene	*		2.0		46.8	50.00	0		93.6	54.28	14.80		12/12/202
1,1-Dichloropropene	*		2.0		48.7	50.00	0		97.5	53.55	9.43		12/12/202
1,2,3-Trichlorobenzene	*		2.0		50.5	50.00	0		101.1	53.85	6.36		12/12/202
1,2,3-Trichloropropane	*		2.0		43.9	50.00	0		87.9	46.12	4.86		12/12/202
1,2,3-Trimethylbenzene	*		2.0		50.1	50.00	0		100.2	53.96	7.44		12/12/202
1,2,4-Trichlorobenzene	*		2.0		50.6	50.00	0		101.2	53.31	5.18		12/12/202
1,2,4-Trimethylbenzene	*		2.0		49.6	50.00	0		99.1	53.29	7.27		12/12/202
1,2-Dibromo-3-chloropropane	*		5.0		43.4	50.00	0		86.7	46.08	6.11		12/12/202
1,2-Dibromoethane	*		2.0		46.8	50.00	0		93.7	49.45	5.44		12/12/202
1,2-Dichlorobenzene	*		2.0		50.6	50.00	0		101.1	53.56	5.76		12/12/202
1,2-Dichloroethane	*		2.0		47.1	50.00	0		94.2	50.56	7.04		12/12/202
1,2-Dichloropropane	*		2.0		48.8	50.00	0		97.5	55.09	12.17		12/12/202
1,3,5-Trimethylbenzene	*		2.0		49.7	50.00	0		99.5	52.94	6.25		12/12/202
1,3-Dichlorobenzene	*		2.0		51.1	50.00	0		102.2	54.74	6.92		12/12/202
1,3-Dichloropropane	*		2.0		48.9	50.00	0		97.9	51.71	5.52		12/12/202
1,4-Dichlorobenzene	*		2.0		51.0	50.00	0		101.9	54.02	5.85		12/12/202
1-Chlorobutane	*		5.0		50.9	50.00	0		101.8	55.54	8.70		12/12/202
2,2-Dichloropropane	*		2.0		37.7	50.00	0		75.3	44.60	16.85		12/12/202
2-Butanone	*		10.0		107	125.0	0		85.5	125.1	15.71		12/12/202
2-Chloroethyl vinyl ether	*		5.0		49.3	50.00	0		98.7	55.90	12.47		12/12/202
2-Chlorotoluene	*		2.0		49.8	50.00	0		99.6	53.26	6.69		12/12/202
2-Hexanone	*		10.0		118	125.0	0		94.1	123.9	5.14		12/12/202
2-Nitropropane	*		10.0		492	500.0	0		98.4	575.0	15.55		12/12/202
4-Chlorotoluene	*		2.0		49.9	50.00	0		99.8	53.34	6.70		12/12/202
4-Methyl-2-pentanone	*		10.0		124	125.0	0		99.0	129.7	4.75		12/12/202
Acetone	*		10.0		110	125.0	0		88.0	126.0	13.60		12/12/202
Acetonitrile	*		10.0		461	500.0	0		92.2	545.0	16.65		12/12/202
Acrolein	*		20.0	S	943	500.0	0		188.7	1114	16.55		12/12/202
Acrylonitrile	*		5.0	R	44.4	50.00	0		88.8	51.58	14.92		12/12/202
Allyl chloride	*		5.0		42.1	50.00	0		84.2	48.46	14.00		12/12/202

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Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201211A-2											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Benzene	*	0.5		48.4	50.00	0	96.7	50.94	5.18		12/12/202
Bromobenzene	*	2.0		50.0	50.00	0	100.0	53.20	6.24		12/12/202
Bromoform	*	2.0		43.6	50.00	0	87.2	50.59	14.80		12/12/202
Bromochloromethane	*	2.0		49.0	50.00	0	97.9	54.89	11.44		12/12/202
Bromodichloromethane	*	2.0		43.3	50.00	0	86.5	50.82	16.05		12/12/202
Bromomethane	*	5.0		48.1	50.00	0	96.2	52.32	8.36		12/12/202
Carbon disulfide	*	2.0		43.7	50.00	0	87.4	50.96	15.36		12/12/202
Carbon tetrachloride	*	2.0		46.6	50.00	0	93.1	51.46	10.02		12/12/202
Chlorobenzene	*	2.0		49.9	50.00	0	99.8	53.32	6.59		12/12/202
Chloroethane	*	2.0		45.6	50.00	0	91.1	53.30	15.68		12/12/202
Chloroform	*	2.0		47.8	50.00	0	95.6	52.15	8.66		12/12/202
Chloromethane	*	5.0		41.9	50.00	0	83.7	47.82	13.29		12/12/202
Chloroprene	*	5.0		45.9	50.00	0	91.7	53.49	15.36		12/12/202
cis-1,2-Dichloroethene	*	2.0		42.7	50.00	0	85.4	50.06	15.85		12/12/202
cis-1,3-Dichloropropene	*	2.0		48.1	50.00	0	96.2	53.49	10.63		12/12/202
cis-1,4-Dichloro-2-butene	*	2.0		39.9	50.00	0	79.8	47.07	16.49		12/12/202
Cyclohexanone	*	20.0		422	500.0	0	84.5	494.2	15.69		12/12/202
Dibromochloromethane	*	2.0		48.4	50.00	0	96.9	51.99	7.05		12/12/202
Dibromomethane	*	2.0		46.7	50.00	0	93.4	52.34	11.35		12/12/202
Dichlorodifluoromethane	*	2.0		45.1	50.00	0	90.2	52.37	14.96		12/12/202
Ethyl acetate	*	10.0	R	40.8	50.00	0	81.6	49.13	18.53		12/12/202
Ethyl ether	*	5.0		44.8	50.00	0	89.6	51.07	13.08		12/12/202
Ethyl methacrylate	*	5.0		47.6	50.00	0	95.2	50.03	4.94		12/12/202
Ethylbenzene	*	2.0		50.8	50.00	0	101.6	54.39	6.81		12/12/202
Hexachlorobutadiene	*	5.0		49.1	50.00	0	98.2	51.89	5.48		12/12/202
Hexachloroethane	*	5.0		45.5	50.00	0	90.9	48.73	6.92		12/12/202
Iodomethane	*	5.0		37.8	50.00	0	75.6	43.44	13.94		12/12/202
Isopropylbenzene	*	2.0		46.3	50.00	0	92.7	54.94	16.98		12/12/202
m,p-Xylenes	*	2.0		102	100.0	0	102.0	109.8	7.42		12/12/202
Methacrylonitrile	*	5.0		44.3	50.00	0	88.6	51.88	15.72		12/12/202
Methyl Methacrylate	*	5.0		47.5	50.00	0	95.0	53.50	11.90		12/12/202
Methyl tert-butyl ether	*	2.0		44.7	50.00	0	89.4	51.76	14.68		12/12/202
Methylacrylate	*	5.0		42.5	50.00	0	85.0	50.63	17.51		12/12/202
Methylene chloride	*	2.0	R	46.2	50.00	0	92.3	53.55	14.80		12/12/202
Naphthalene	*	5.0		49.2	50.00	0	98.3	51.28	4.22		12/12/202
n-Butyl acetate	*	2.0		45.7	50.00	0	91.4	48.60	6.13		12/12/202
n-Butylbenzene	*	2.0		48.1	50.00	0	96.2	51.65	7.08		12/12/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172016	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AK201211A-2											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
n-Heptane	*		5.0		49.5	50.00	0	99.1	51.02	2.94	12/12/202
n-Hexane	*		5.0		41.8	50.00	0	83.7	48.83	15.44	12/12/202
Nitrobenzene	*		50.0		408	500.0	0	81.7	434.7	6.25	12/12/202
n-Propylbenzene	*		2.0		50.1	50.00	0	100.2	53.57	6.69	12/12/202
o-Xylene	*		2.0		49.1	50.00	0	98.2	54.18	9.84	12/12/202
Pentachloroethane	*		5.0	SR	33.6	50.00	0	67.3	49.61	38.34	12/12/202
p-Isopropyltoluene	*		2.0		48.4	50.00	0	96.9	52.65	8.33	12/12/202
Propionitrile	*		10.0		460	500.0	0	92.0	535.9	15.25	12/12/202
sec-Butylbenzene	*		2.0		49.6	50.00	0	99.3	53.46	7.41	12/12/202
Styrene	*		2.0		49.6	50.00	0	99.2	55.21	10.71	12/12/202
tert-Butylbenzene	*		2.0		48.4	50.00	0	96.7	51.45	6.21	12/12/202
Tetrachloroethene	*		0.5	S	65.2	50.00	0	130.3	57.15	13.08	12/12/202
Tetrahydrofuran	*		5.0		42.3	50.00	0	84.6	47.27	11.12	12/12/202
Toluene	*		2.0		50.6	50.00	0	101.2	53.82	6.13	12/12/202
trans-1,2-Dichloroethene	*		2.0		44.8	50.00	0	89.7	52.94	16.55	12/12/202
trans-1,3-Dichloropropene	*		2.0		47.7	50.00	0	95.4	50.74	6.20	12/12/202
trans-1,4-Dichloro-2-butene	*		2.0		42.5	50.00	0	85.1	45.57	6.88	12/12/202
Trichloroethene	*		2.0		50.3	50.00	0	100.6	54.81	8.54	12/12/202
Trichlorofluoromethane	*		5.0		49.4	50.00	0	98.9	57.08	14.32	12/12/202
Vinyl acetate	*		5.0	SR	39.6	50.00	0	79.2	48.66	20.56	12/12/202
Vinyl chloride	*		2.0		55.6	50.00	0	111.3	64.27	14.41	12/12/202
Surr: 1,2-Dichloroethane-d4	*				49.4	50.00		98.8			12/12/202
Surr: 4-Bromofluorobenzene	*				47.1	50.00		94.2			12/12/202
Surr: Dibromofluoromethane	*				47.5	50.00		94.9			12/12/202
Surr: Toluene-d8	*				50.6	50.00		101.2			12/12/202



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType:	MBLK	Units	µg/L						Date Analyzed	
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane		*	2.0		ND							12/14/202
1,1,1-Trichloroethane		*	2.0		ND							12/14/202
1,1,2,2-Tetrachloroethane		*	2.0		ND							12/14/202
1,1,2-Trichloro-1,2,2-trifluoroethane		*	5.0		ND							12/14/202
1,1,2-Trichloroethane		*	0.5		ND							12/14/202
1,1-Dichloro-2-propanone		*	30.0		ND							12/14/202
1,1-Dichloroethane		*	2.0		ND							12/14/202
1,1-Dichloroethene		*	2.0		ND							12/14/202
1,1-Dichloropropene		*	2.0		ND							12/14/202
1,2,3-Trichlorobenzene		*	2.0		ND							12/14/202
1,2,3-Trichloropropane		*	2.0		ND							12/14/202
1,2,3-Trimethylbenzene		*	2.0		ND							12/14/202
1,2,4-Trichlorobenzene		*	2.0		ND							12/14/202
1,2,4-Trimethylbenzene		*	2.0		ND							12/14/202
1,2-Dibromo-3-chloropropane		*	5.0		ND							12/14/202
1,2-Dibromoethane		*	2.0		ND							12/14/202
1,2-Dichlorobenzene		*	2.0		ND							12/14/202
1,2-Dichloroethane		*	2.0		ND							12/14/202
1,2-Dichloropropane		*	2.0		ND							12/14/202
1,3,5-Trimethylbenzene		*	2.0		ND							12/14/202
1,3-Dichlorobenzene		*	2.0		ND							12/14/202
1,3-Dichloropropane		*	2.0		ND							12/14/202
1,4-Dichlorobenzene		*	2.0		ND							12/14/202
1-Chlorobutane		*	5.0		ND							12/14/202
2,2-Dichloropropane		*	2.0		ND							12/14/202
2-Butanone		*	10.0		ND							12/14/202
2-Chloroethyl vinyl ether		*	5.0		ND							12/14/202
2-Chlorotoluene		*	2.0		ND							12/14/202
2-Hexanone		*	10.0		ND							12/14/202
2-Nitropropane		*	10.0		ND							12/14/202
4-Chlorotoluene		*	2.0		ND							12/14/202
4-Methyl-2-pentanone		*	10.0		ND							12/14/202
Acetone		*	10.0		ND							12/14/202
Acetonitrile		*	10.0		ND							12/14/202
Acrolein		*	20.0		ND							12/14/202
Acrylonitrile		*	5.0		ND							12/14/202
Allyl chloride		*	5.0		ND							12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		ND						12/14/202
Bromobenzene	*	2.0		ND						12/14/202
Bromoform	*	2.0		ND						12/14/202
Bromochloromethane	*	2.0		ND						12/14/202
Bromodichloromethane	*	2.0		ND						12/14/202
Bromomethane	*	5.0		ND						12/14/202
Carbon disulfide	*	2.0		ND						12/14/202
Carbon tetrachloride	*	2.0		ND						12/14/202
Chlorobenzene	*	2.0		ND						12/14/202
Chloroethane	*	2.0		ND						12/14/202
Chloroform	*	2.0		ND						12/14/202
Chloromethane	*	5.0		ND						12/14/202
Chloroprene	*	5.0		ND						12/14/202
cis-1,2-Dichloroethene	*	2.0		ND						12/14/202
cis-1,3-Dichloropropene	*	2.0		ND						12/14/202
cis-1,4-Dichloro-2-butene	*	2.0		ND						12/14/202
Cyclohexanone	*	20.0		ND						12/14/202
Dibromochloromethane	*	2.0		ND						12/14/202
Dibromomethane	*	2.0		ND						12/14/202
Dichlorodifluoromethane	*	2.0		ND						12/14/202
Ethyl acetate	*	10.0		ND						12/14/202
Ethyl ether	*	5.0		ND						12/14/202
Ethyl methacrylate	*	5.0		ND						12/14/202
Ethylbenzene	*	2.0		ND						12/14/202
Hexachlorobutadiene	*	5.0		ND						12/14/202
Hexachloroethane	*	5.0		ND						12/14/202
Iodomethane	*	5.0		ND						12/14/202
Isopropylbenzene	*	2.0		ND						12/14/202
m,p-Xylenes	*	2.0		ND						12/14/202
Methacrylonitrile	*	5.0		ND						12/14/202
Methyl Methacrylate	*	5.0		ND						12/14/202
Methyl tert-butyl ether	*	2.0		ND						12/14/202
Methylacrylate	*	5.0		ND						12/14/202
Methylene chloride	*	2.0		ND						12/14/202
Naphthalene	*	5.0		ND						12/14/202
n-Butyl acetate	*	2.0		ND						12/14/202
n-Butylbenzene	*	2.0		ND						12/14/202



Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
n-Heptane	*	5.0		ND						12/14/202	
n-Hexane	*	5.0		ND						12/14/202	
Nitrobenzene	*	50.0		ND						12/14/202	
n-Propylbenzene	*	2.0		ND						12/14/202	
o-Xylene	*	2.0		ND						12/14/202	
Pentachloroethane	*	5.0		ND						12/14/202	
p-Isopropyltoluene	*	2.0		ND						12/14/202	
Propionitrile	*	10.0		ND						12/14/202	
sec-Butylbenzene	*	2.0		ND						12/14/202	
Styrene	*	2.0		ND						12/14/202	
tert-Butylbenzene	*	2.0		ND						12/14/202	
Tetrachloroethene	*	0.5		ND						12/14/202	
Tetrahydrofuran	*	5.0		ND						12/14/202	
Toluene	*	2.0		ND						12/14/202	
trans-1,2-Dichloroethene	*	2.0		ND						12/14/202	
trans-1,3-Dichloropropene	*	2.0		ND						12/14/202	
trans-1,4-Dichloro-2-butene	*	2.0		ND						12/14/202	
Trichloroethene	*	2.0		ND						12/14/202	
Trichlorofluoromethane	*	5.0		ND						12/14/202	
Vinyl acetate	*	5.0		ND						12/14/202	
Vinyl chloride	*	2.0		ND						12/14/202	
Surr: 1,2-Dichloroethane-d4	*			47.2		50.00		94.5	80	120	12/14/202
Surr: 4-Bromofluorobenzene	*			45.3		50.00		90.7	80	120	12/14/202
Surr: Dibromofluoromethane	*			48.8		50.00		97.7	80	120	12/14/202
Surr: Toluene-d8	*			50.4		50.00		100.8	80	120	12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCS	Units	µg/L						Date Analyzed
			SampID: LCS-AE201214A-1								
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
1,1,1,2-Tetrachloroethane	*	2.0		54.8	50.00	0		109.5	82	113	12/14/202
1,1,1-Trichloroethane	*	2.0		50.1	50.00	0		100.3	76.9	128	12/14/202
1,1,2,2-Tetrachloroethane	*	2.0		51.4	50.00	0		102.9	76.7	113	12/14/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		52.5	50.00	0		104.9	69.5	127	12/14/202
1,1,2-Trichloroethane	*	0.5		53.9	50.00	0		107.8	83.8	111	12/14/202
1,1-Dichloro-2-propanone	*	30.0		138	125.0	0		110.2	74.9	117	12/14/202
1,1-Dichloroethane	*	2.0		51.1	50.00	0		102.2	77	129	12/14/202
1,1-Dichloroethene	*	2.0		52.0	50.00	0		104.0	69.4	127	12/14/202
1,1-Dichloropropene	*	2.0		50.4	50.00	0		100.8	75.1	123	12/14/202
1,2,3-Trichlorobenzene	*	2.0	S	62.6	50.00	0		125.3	77.3	121	12/14/202
1,2,3-Trichloropropane	*	2.0		49.1	50.00	0		98.2	75.3	109	12/14/202
1,2,3-Trimethylbenzene	*	2.0		50.2	50.00	0		100.5	77	115	12/14/202
1,2,4-Trichlorobenzene	*	2.0		61.0	50.00	0		122.0	76.8	124	12/14/202
1,2,4-Trimethylbenzene	*	2.0		50.7	50.00	0		101.4	75	115	12/14/202
1,2-Dibromo-3-chloropropane	*	5.0		53.8	50.00	0		107.6	71.9	119	12/14/202
1,2-Dibromoethane	*	2.0		53.5	50.00	0		107.1	83.6	110	12/14/202
1,2-Dichlorobenzene	*	2.0		53.1	50.00	0		106.2	72.1	113	12/14/202
1,2-Dichloroethane	*	2.0		45.1	50.00	0		90.2	72.3	117	12/14/202
1,2-Dichloropropane	*	2.0		52.1	50.00	0		104.2	76.5	119	12/14/202
1,3,5-Trimethylbenzene	*	2.0		51.0	50.00	0		102.0	75.2	117	12/14/202
1,3-Dichlorobenzene	*	2.0		53.7	50.00	0		107.3	75.2	115	12/14/202
1,3-Dichloropropane	*	2.0		50.9	50.00	0		101.8	80.9	110	12/14/202
1,4-Dichlorobenzene	*	2.0		52.7	50.00	0		105.5	73.9	112	12/14/202
1-Chlorobutane	*	5.0		53.6	50.00	0		107.1	74.9	130	12/14/202
2,2-Dichloropropane	*	2.0		51.5	50.00	0		103.1	66.5	138	12/14/202
2-Butanone	*	10.0		133	125.0	0		106.4	68.8	134	12/14/202
2-Chloroethyl vinyl ether	*	5.0		51.1	50.00	0		102.3	17.8	163	12/14/202
2-Chlorotoluene	*	2.0		49.0	50.00	0		98.0	74.9	115	12/14/202
2-Hexanone	*	10.0		137	125.0	0		109.5	73.2	117	12/14/202
2-Nitropropane	*	10.0		552	500.0	0		110.4	67.1	140	12/14/202
4-Chlorotoluene	*	2.0		49.3	50.00	0		98.7	75.7	113	12/14/202
4-Methyl-2-pentanone	*	10.0		137	125.0	0		109.5	77	113	12/14/202
Acetone	*	10.0		126	125.0	0		100.7	61.4	130	12/14/202
Acetonitrile	*	10.0		585	500.0	0		117.1	68.8	136	12/14/202
Acrolein	*	20.0		557	500.0	0		111.5	28.4	168	12/14/202
Acrylonitrile	*	5.0		55.5	50.00	0		111.0	77.9	124	12/14/202
Allyl chloride	*	5.0		56.7	50.00	0		113.5	75.8	130	12/14/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCS	Units	µg/L						
Analyses	Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		49.4	50.00	0		98.7	78.5	119	12/14/202
Bromobenzene	*	2.0		52.2	50.00	0		104.4	77.5	113	12/14/202
Bromoform	*	2.0		50.4	50.00	0		100.9	71.5	123	12/14/202
Bromochloromethane	*	2.0		52.4	50.00	0		104.7	75.7	123	12/14/202
Bromodichloromethane	*	2.0		61.0	50.00	0		122.0	78.9	121	12/14/202
Bromomethane	*	5.0		57.2	50.00	0		114.4	30.5	192	12/14/202
Carbon disulfide	*	2.0		49.4	50.00	0		98.7	66.7	121	12/14/202
Carbon tetrachloride	*	2.0		50.7	50.00	0		101.3	70.9	127	12/14/202
Chlorobenzene	*	2.0		51.4	50.00	0		102.8	80	111	12/14/202
Chloroethane	*	2.0		48.2	50.00	0		96.3	69.6	135	12/14/202
Chloroform	*	2.0		51.2	50.00	0		102.3	76.2	120	12/14/202
Chloromethane	*	5.0		43.5	50.00	0		87.0	50.9	138	12/14/202
Chloroprene	*	5.0		51.4	50.00	0		102.7	68.4	127	12/14/202
cis-1,2-Dichloroethene	*	2.0		51.6	50.00	0		103.2	79.5	121	12/14/202
cis-1,3-Dichloropropene	*	2.0		53.0	50.00	0		106.0	79.8	123	12/14/202
cis-1,4-Dichloro-2-butene	*	2.0		59.5	50.00	0		119.0	64.6	130	12/14/202
Cyclohexanone	*	20.0	S	595	500.0	0		119.0	70.5	114	12/14/202
Dibromochloromethane	*	2.0		56.2	50.00	0		112.3	84.5	114	12/14/202
Dibromomethane	*	2.0		50.9	50.00	0		101.9	76	119	12/14/202
Dichlorodifluoromethane	*	2.0		44.0	50.00	0		88.1	46.6	142	12/14/202
Ethyl acetate	*	10.0		52.8	50.00	0		105.5	70.3	115	12/14/202
Ethyl ether	*	5.0		53.0	50.00	0		105.9	74.6	120	12/14/202
Ethyl methacrylate	*	5.0		53.4	50.00	0		106.8	81.4	116	12/14/202
Ethylbenzene	*	2.0		51.5	50.00	0		102.9	78.2	114	12/14/202
Hexachlorobutadiene	*	5.0		63.3	50.00	0		126.7	73.9	129	12/14/202
Hexachloroethane	*	5.0		53.5	50.00	0		106.9	78.3	123	12/14/202
Iodomethane	*	5.0		45.0	50.00	0		89.9	50	151	12/14/202
Isopropylbenzene	*	2.0		52.7	50.00	0		105.3	79.3	115	12/14/202
m,p-Xylenes	*	2.0		103	100.0	0		102.6	77.2	116	12/14/202
Methacrylonitrile	*	5.0		53.0	50.00	0		106.0	73.9	127	12/14/202
Methyl Methacrylate	*	5.0		52.4	50.00	0		104.9	70.7	129	12/14/202
Methyl tert-butyl ether	*	2.0		50.7	50.00	0		101.5	80.3	122	12/14/202
Methylacrylate	*	5.0		54.0	50.00	0		107.9	75.2	124	12/14/202
Methylene chloride	*	2.0		47.6	50.00	0		95.2	71.8	115	12/14/202
Naphthalene	*	5.0		58.0	50.00	0		116.0	75.6	121	12/14/202
n-Butyl acetate	*	2.0		53.4	50.00	0		106.9	72.4	118	12/14/202
n-Butylbenzene	*	2.0		49.4	50.00	0		98.8	70.8	118	12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCS	Units	µg/L						Date Analyzed
SampID:			LCS-AE201214A-1								
Analyses		Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit
n-Heptane	*	5.0		60.6	50.00	0		121.3	50.4	143	12/14/202
n-Hexane	*	5.0		51.5	50.00	0		102.9	60.6	139	12/14/202
Nitrobenzene	*	50.0		561	500.0	0		112.1	49.4	129	12/14/202
n-Propylbenzene	*	2.0		50.1	50.00	0		100.2	74	119	12/14/202
o-Xylene	*	2.0		50.9	50.00	0		101.8	79.2	112	12/14/202
Pentachloroethane	*	5.0		57.8	50.00	0		115.6	71.8	124	12/14/202
p-Isopropyltoluene	*	2.0		50.9	50.00	0		101.8	74.4	119	12/14/202
Propionitrile	*	10.0		556	500.0	0		111.2	76.2	127	12/14/202
sec-Butylbenzene	*	2.0		51.6	50.00	0		103.2	74.4	119	12/14/202
Styrene	*	2.0		52.9	50.00	0		105.8	80.4	117	12/14/202
tert-Butylbenzene	*	2.0		49.9	50.00	0		99.8	74	115	12/14/202
Tetrachloroethene	*	0.5		55.7	50.00	0		111.3	70.1	120	12/14/202
Tetrahydrofuran	*	5.0		51.2	50.00	0		102.5	63.5	122	12/14/202
Toluene	*	2.0		51.2	50.00	0		102.3	78.6	112	12/14/202
trans-1,2-Dichloroethene	*	2.0		51.2	50.00	0		102.3	75.7	130	12/14/202
trans-1,3-Dichloropropene	*	2.0		54.7	50.00	0		109.4	80.3	116	12/14/202
trans-1,4-Dichloro-2-butene	*	2.0		55.5	50.00	0		111.0	65.5	124	12/14/202
Trichloroethene	*	2.0		51.8	50.00	0		103.7	76.2	121	12/14/202
Trichlorofluoromethane	*	5.0		50.2	50.00	0		100.3	71.1	131	12/14/202
Vinyl acetate	*	5.0		54.8	50.00	0		109.5	79.8	129	12/14/202
Vinyl chloride	*	2.0		48.0	50.00	0		95.9	58.6	141	12/14/202
Surr: 1,2-Dichloroethane-d4	*			47.6	50.00			95.1	80	120	12/14/202
Surr: 4-Bromofluorobenzene	*			46.2	50.00			92.4	80	120	12/14/202
Surr: Dibromofluoromethane	*			49.5	50.00			99.0	80	120	12/14/202
Surr: Toluene-d8	*			50.3	50.00			100.5	80	120	12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
Sample ID: LCSD-AE201214A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
1,1,1,2-Tetrachloroethane	*	2.0			53.3	50.00	0	106.6	54.77	2.74	12/14/202
1,1,1-Trichloroethane	*	2.0			49.1	50.00	0	98.2	50.14	2.10	12/14/202
1,1,2,2-Tetrachloroethane	*	2.0			49.9	50.00	0	99.7	51.44	3.12	12/14/202
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0			50.0	50.00	0	99.9	52.46	4.86	12/14/202
1,1,2-Trichloroethane	*	0.5			52.5	50.00	0	105.0	53.91	2.61	12/14/202
1,1-Dichloro-2-propanone	*	30.0			135	125.0	0	107.7	137.8	2.35	12/14/202
1,1-Dichloroethane	*	2.0			49.6	50.00	0	99.2	51.11	3.02	12/14/202
1,1-Dichloroethene	*	2.0			50.0	50.00	0	100.0	52.01	3.90	12/14/202
1,1-Dichloropropene	*	2.0			48.3	50.00	0	96.5	50.40	4.34	12/14/202
1,2,3-Trichlorobenzene	*	2.0	S		60.8	50.00	0	121.7	62.64	2.93	12/14/202
1,2,3-Trichloropropane	*	2.0			48.2	50.00	0	96.3	49.10	1.91	12/14/202
1,2,3-Trimethylbenzene	*	2.0			49.1	50.00	0	98.2	50.23	2.30	12/14/202
1,2,4-Trichlorobenzene	*	2.0			58.1	50.00	0	116.1	60.98	4.91	12/14/202
1,2,4-Trimethylbenzene	*	2.0			48.3	50.00	0	96.6	50.69	4.87	12/14/202
1,2-Dibromo-3-chloropropane	*	5.0			52.0	50.00	0	103.9	53.81	3.50	12/14/202
1,2-Dibromoethane	*	2.0			53.1	50.00	0	106.3	53.53	0.75	12/14/202
1,2-Dichlorobenzene	*	2.0			51.8	50.00	0	103.7	53.10	2.38	12/14/202
1,2-Dichloroethane	*	2.0			44.4	50.00	0	88.7	45.11	1.68	12/14/202
1,2-Dichloropropane	*	2.0			50.5	50.00	0	100.9	52.10	3.20	12/14/202
1,3,5-Trimethylbenzene	*	2.0			48.7	50.00	0	97.5	51.00	4.55	12/14/202
1,3-Dichlorobenzene	*	2.0			52.2	50.00	0	104.5	53.67	2.68	12/14/202
1,3-Dichloropropane	*	2.0			49.6	50.00	0	99.3	50.92	2.55	12/14/202
1,4-Dichlorobenzene	*	2.0			51.3	50.00	0	102.5	52.74	2.83	12/14/202
1-Chlorobutane	*	5.0			51.8	50.00	0	103.7	53.55	3.23	12/14/202
2,2-Dichloropropane	*	2.0			47.8	50.00	0	95.5	51.54	7.63	12/14/202
2-Butanone	*	10.0			130	125.0	0	103.9	133.0	2.41	12/14/202
2-Chloroethyl vinyl ether	*	5.0			51.2	50.00	0	102.5	51.13	0.21	12/14/202
2-Chlorotoluene	*	2.0			47.7	50.00	0	95.4	48.98	2.67	12/14/202
2-Hexanone	*	10.0			134	125.0	0	107.2	136.9	2.17	12/14/202
2-Nitropropane	*	10.0			541	500.0	0	108.2	552.2	2.08	12/14/202
4-Chlorotoluene	*	2.0			47.7	50.00	0	95.4	49.34	3.36	12/14/202
4-Methyl-2-pentanone	*	10.0			135	125.0	0	107.6	136.9	1.78	12/14/202
Acetone	*	10.0			123	125.0	0	98.7	125.9	1.97	12/14/202
Acetonitrile	*	10.0			559	500.0	0	111.8	585.3	4.59	12/14/202
Acrolein	*	20.0			702	500.0	0	140.5	557.5	23.02	12/14/202
Acrylonitrile	*	5.0			53.9	50.00	0	107.8	55.50	2.94	12/14/202
Allyl chloride	*	5.0			55.5	50.00	0	110.9	56.73	2.25	12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AE201214A-1											
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Benzene	*	0.5			48.3	50.00	0	96.6	49.35	2.19	12/14/202
Bromobenzene	*	2.0			51.1	50.00	0	102.2	52.19	2.07	12/14/202
Bromochloromethane	*	2.0			49.9	50.00	0	99.7	50.43	1.14	12/14/202
Bromodichloromethane	*	2.0			51.0	50.00	0	102.0	52.37	2.67	12/14/202
Bromoform	*	2.0	S		60.5	50.00	0	121.1	61.00	0.76	12/14/202
Bromomethane	*	5.0			64.9	50.00	0	129.7	57.18	12.59	12/14/202
Carbon disulfide	*	2.0			48.0	50.00	0	95.9	49.36	2.86	12/14/202
Carbon tetrachloride	*	2.0			50.0	50.00	0	99.9	50.66	1.37	12/14/202
Chlorobenzene	*	2.0			50.3	50.00	0	100.6	51.41	2.22	12/14/202
Chloroethane	*	2.0			48.9	50.00	0	97.8	48.15	1.53	12/14/202
Chloroform	*	2.0			51.3	50.00	0	102.5	51.17	0.20	12/14/202
Chloromethane	*	5.0			44.7	50.00	0	89.4	43.48	2.79	12/14/202
Chloroprene	*	5.0			49.7	50.00	0	99.4	51.35	3.23	12/14/202
cis-1,2-Dichloroethene	*	2.0			50.2	50.00	0	100.5	51.62	2.71	12/14/202
cis-1,3-Dichloropropene	*	2.0			51.1	50.00	0	102.3	52.99	3.55	12/14/202
cis-1,4-Dichloro-2-butene	*	2.0			56.2	50.00	0	112.3	59.52	5.83	12/14/202
Cyclohexanone	*	20.0			569	500.0	0	113.7	594.8	4.52	12/14/202
Dibromochloromethane	*	2.0			55.6	50.00	0	111.1	56.16	1.09	12/14/202
Dibromomethane	*	2.0			49.7	50.00	0	99.5	50.93	2.36	12/14/202
Dichlorodifluoromethane	*	2.0			45.7	50.00	0	91.3	44.03	3.63	12/14/202
Ethyl acetate	*	10.0			50.8	50.00	0	101.7	52.75	3.71	12/14/202
Ethyl ether	*	5.0			52.7	50.00	0	105.3	52.97	0.57	12/14/202
Ethyl methacrylate	*	5.0			52.9	50.00	0	105.8	53.39	0.90	12/14/202
Ethylbenzene	*	2.0			50.0	50.00	0	100.0	51.47	2.92	12/14/202
Hexachlorobutadiene	*	5.0			58.0	50.00	0	116.1	63.33	8.70	12/14/202
Hexachloroethane	*	5.0			52.1	50.00	0	104.2	53.46	2.54	12/14/202
Iodomethane	*	5.0			54.8	50.00	0	109.6	44.96	19.76	12/14/202
Isopropylbenzene	*	2.0			51.4	50.00	0	102.7	52.66	2.50	12/14/202
m,p-Xylenes	*	2.0			99.2	100.0	0	99.2	102.6	3.36	12/14/202
Methacrylonitrile	*	5.0			51.4	50.00	0	102.8	52.98	3.07	12/14/202
Methyl Methacrylate	*	5.0			51.7	50.00	0	103.4	52.44	1.40	12/14/202
Methyl tert-butyl ether	*	2.0			50.6	50.00	0	101.1	50.73	0.36	12/14/202
Methylacrylate	*	5.0			53.9	50.00	0	107.9	53.97	0.06	12/14/202
Methylene chloride	*	2.0			46.4	50.00	0	92.8	47.60	2.53	12/14/202
Naphthalene	*	5.0			56.3	50.00	0	112.6	58.01	2.96	12/14/202
n-Butyl acetate	*	2.0			52.4	50.00	0	104.7	53.45	2.04	12/14/202
n-Butylbenzene	*	2.0			45.4	50.00	0	90.7	49.41	8.55	12/14/202

Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed	
SampID: LCSD-AE201214A-1												
Analyses	Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD	
n-Heptane	*	5.0	R	44.5	50.00	0	88.9	60.63	30.75			12/14/202
n-Hexane	*	5.0		42.3	50.00	0	84.5	51.47	19.63			12/14/202
Nitrobenzene	*	50.0		554	500.0	0	110.9	560.7	1.14			12/14/202
n-Propylbenzene	*	2.0		47.8	50.00	0	95.5	50.12	4.84			12/14/202
o-Xylene	*	2.0		50.1	50.00	0	100.3	50.90	1.52			12/14/202
Pentachloroethane	*	5.0		54.2	50.00	0	108.4	57.82	6.43			12/14/202
p-Isopropyltoluene	*	2.0		48.8	50.00	0	97.7	50.92	4.19			12/14/202
Propionitrile	*	10.0		549	500.0	0	109.7	556.2	1.37			12/14/202
sec-Butylbenzene	*	2.0		48.9	50.00	0	97.8	51.59	5.39			12/14/202
Styrene	*	2.0		51.9	50.00	0	103.9	52.90	1.85			12/14/202
tert-Butylbenzene	*	2.0		48.1	50.00	0	96.2	49.92	3.73			12/14/202
Tetrachloroethene	*	0.5		55.0	50.00	0	109.9	55.66	1.25			12/14/202
Tetrahydrofuran	*	5.0		49.7	50.00	0	99.4	51.24	3.05			12/14/202
Toluene	*	2.0		49.5	50.00	0	99.0	51.17	3.30			12/14/202
trans-1,2-Dichloroethene	*	2.0		49.4	50.00	0	98.9	51.15	3.40			12/14/202
trans-1,3-Dichloropropene	*	2.0		53.0	50.00	0	106.1	54.70	3.10			12/14/202
trans-1,4-Dichloro-2-butene	*	2.0		52.9	50.00	0	105.9	55.51	4.76			12/14/202
Trichloroethene	*	2.0		50.5	50.00	0	101.0	51.83	2.56			12/14/202
Trichlorofluoromethane	*	5.0		50.4	50.00	0	100.8	50.16	0.50			12/14/202
Vinyl acetate	*	5.0		52.6	50.00	0	105.1	54.77	4.10			12/14/202
Vinyl chloride	*	2.0		49.0	50.00	0	98.0	47.96	2.15			12/14/202
Surr: 1,2-Dichloroethane-d4	*			47.7	50.00		95.4					12/14/202
Surr: 4-Bromofluorobenzene	*			45.6	50.00		91.3					12/14/202
Surr: Dibromofluoromethane	*			49.6	50.00		99.1					12/14/202
Surr: Toluene-d8	*			49.9	50.00		99.8					12/14/202

Batch 172061 SampType: LCSG Units %REC

Analyses	Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 1,2-Dichloroethane-d4	*			48.3	50.00		96.6		80	120	12/14/202
Surr: 4-Bromofluorobenzene	*			45.2	50.00		90.4		80	120	12/14/202
Surr: Dibromofluoromethane	*			49.1	50.00		98.2		80	120	12/14/202
Surr: Toluene-d8	*			50.8	50.00		101.7		80	120	12/14/202

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	172061	SampType	LCSGD	Units	%REC	RPD Limit 0			Date Analyzed	
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD
Surr: 1,2-Dichloroethane-d4		*			47.7	50.00		95.4		12/14/202
Surr: 4-Bromofluorobenzene		*			45.3	50.00		90.5		12/14/202
Surr: Dibromofluoromethane		*			49.0	50.00		97.9		12/14/202
Surr: Toluene-d8		*			50.8	50.00		101.5		12/14/202

Receiving Check List

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 20120547

Client Project: Ameren Huster Road GW

Report Date: 15-Dec-20

Carrier: Reginald Gardner

Received By: AH

Completed by:

On:

08-Dec-20


Amber M. Dilallo

Reviewed by:

On:

08-Dec-20


Elizabeth A. Hurley

Elizabeth A. Hurley

Pages to follow: Chain of custody

1

Extra pages included

0

	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.8
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 5.8
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water – at least one vial per sample has zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg.

' of '

Work order # 20120547

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client:	XDD, LLC	Samples on: <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE	58 °C LTG 3
Address:	11171 Forest Haven Road	Preserved in: <input type="checkbox"/> LAB <input type="checkbox"/> FIELD	<u>FOR LAB USE ONLY</u>
City / State / Zip	Festus, MO 63028	Lab Notes <i>8 AM 11/8/20</i>	
Contact:	Derek Ingram	Phone:	(314) 609-3065
E-Mail:	ingram@xdd-ilc.com	Fax:	

Are these samples known to be involved in litigation? If yes, a surcharge will apply Yes NoAre these samples known to be hazardous? Yes NoAre there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. Yes No

Project Name/Number		Sample Collector's Name						INDICATE ANALYSIS REQUESTED																	
Ameren Huster Road GW		<i>Reginald Gardner</i>																							
Results Requested		Billing Instructions		# and Type of Containers						MATRIX		INDICATE ANALYSIS REQUESTED													
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> 1-2 Day (100% Surcharge)			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	Groundwater	Special Waste	Sludge	Soil	VOCs									
20120547	MW-3	12/4/20 @ 1010							2							2									
002	MW-4	12/4/20 @ 1100							2							2									
003	MW-11	12/4/20 @ 1150							2							2									
004	MW-12	12/4/20 @ 1240							2							2									
005	MW-13	12/4/20 @ 1330							2							2									
006	MW-8	12/4/20 @ 1430							2							2									
007	MW-39	12/4/20 @ 1440							2							2									
008	MW-40	12/4/20 @ 1450							2							2									
009	DUP-2	12/4/20 @ 1340							2							2									
Relinquished By		Date/Time						Received By						Date/Time											
<i>Reginald Gardner RL</i>		12/4/20						<i>Derek Ingram</i>						12/4/20 1558											

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 61822


S. Ingram